Developer’s Guide

VERSION 1.17
2026/2/19

MUFG Bank
A member of MUFG, a global financial group

Attention

• Note that the contents of this manual are subject to change without prior notice. The latest version of this manual is shown after logging in to COMSUITE API Portal.

• Before using the Service, please be thoroughly familiar with and understand how to use the equipment and software as well as restrictions and other assumptions.

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Published by: MUFG Bank, Ltd.

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0. Purpose of this guidebook

This guidebook is to assist third party providers (TPP) in using COMSUITE API Service provided by MUFG Bank (hereinafter, referred to as "MUFG"). This guidebook provides a broad explanation on how to use COMSUITE API Service, such as a COMSUITE API Service outline, procedures to use COMSUITE API Service, and termination of using COMSUITE API Service.

1. About COMSUITE API Service

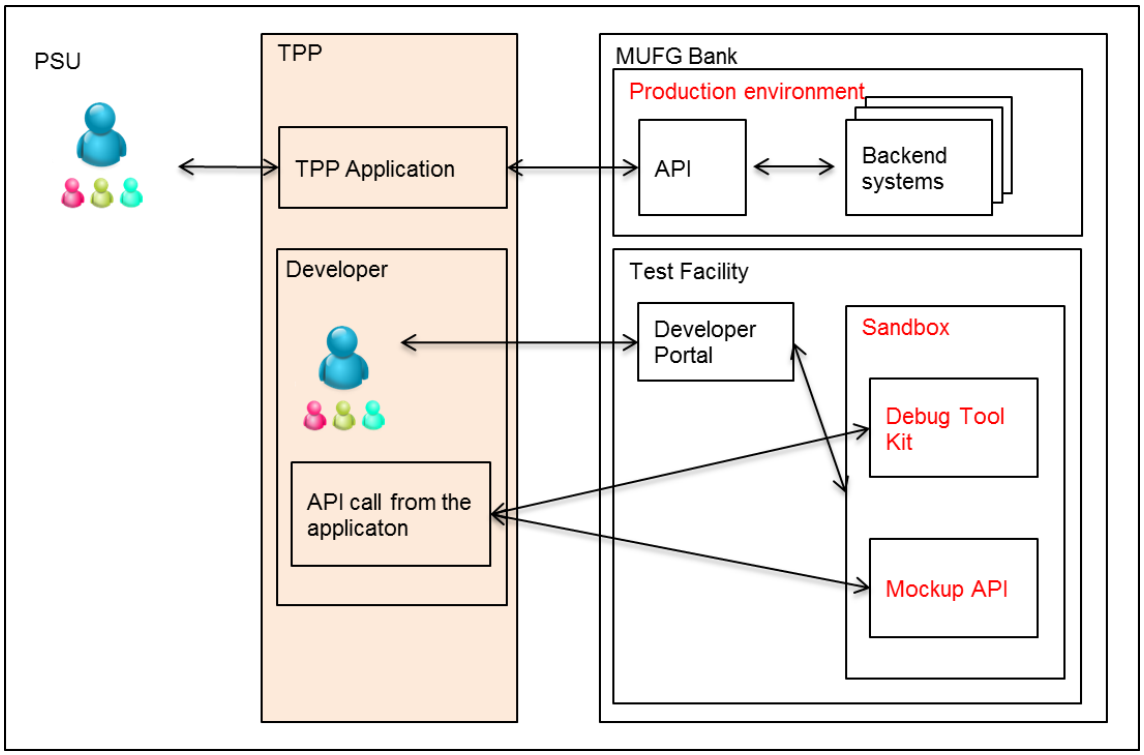
COMSUITE API Service is available to customers using MUFG Global CMS (*1) (GCMS Plus).

(*1) Cash Management Service

1.1 Conceptual diagram

COMSUITE API Service has following two environments;

- Production environment
- Test Facility



1.1.1 Production environment

This environment offers MUFG's production COMSUITE API Services. It connects to MUFG's internal systems, such as customer authentication system and backend systems.

1.1.2 Test Facility

This environment offers set of functions to test MUFG's API. It consists of following components;

- COMSUITE API Portal

  Website to view the reference of MUFG's APIs. You can create accounts and obtain API keys to use the "Mockup API" and "Debug Tool Kit" below.

- Mockup API

  Mockup environment to check behaviors of MUFG's APIs.

  This is not connected to the production environments, and returns mockup-specific dummy data.

- Debug Tool Kit

  <Error Registration Tool>

  This tool is used to simulate error responses that cannot be generated by executing the above Mockup API.

1.2 API Standard

MUFG's API follows the standard defined by Berlin Group (*1) which is found in the public document "NextGenPSD2 Access to Account Interoperability Framework - Implementation Guidelines" (*2).

(*1) Berlin Group : https://www.berlin-group.org/nextgenpsd2-downloads

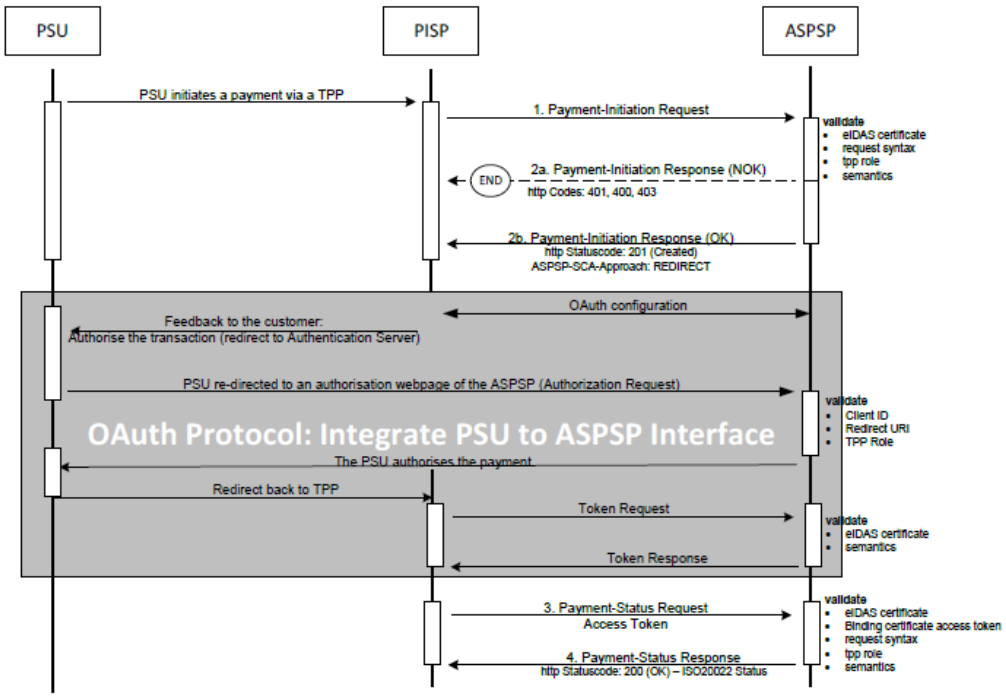
(*2) Version 1.3 as of 2019/03/14

1.3 Outline of COMSUITE API Service authentication and API call

MUFG API supports OAuth2 SCA Approach.

Payment Initiation Service (PIS):

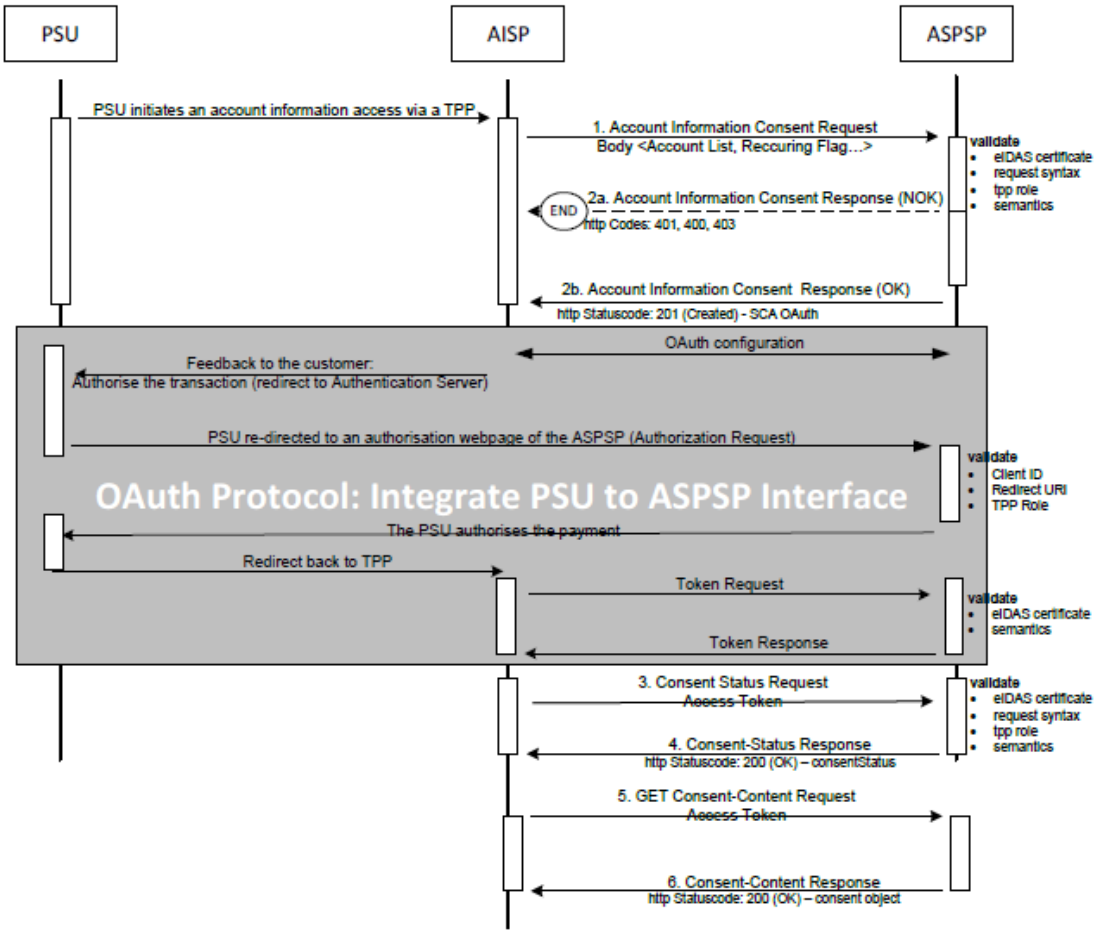
The payment initiation flow with OAuth2 SCA Approach can be shown as below;



Source: NextGenPSD2 Access to Account Interoperability Framework - Implementation Guidelines V1.3_20181019.pdf, Page48, https://www.berlin-group.org/nextgenpsd2-downloads

Account Information Service (AIS):

The Account information consent flow with OAuth2 SCA Approach can be shown as below;



Source: NextGenPSD2 Access to Account Interoperability Framework - Implementation Guidelines V1.3_20181019.pdf, Page102, https://www.berlin-group.org/nextgenpsd2-downloads

1.4 List of APIs provided

MUFG's APIs are as follows.

Payment Initiation Service (PIS)

API Name	Endpoints	Method	Description
payments1	payments/{payment-product}	POST	Creation of Single Payment: Enables acceptance of single payments.
bulk-payments1	bulk-payments/{payment-product}	POST	Creation of Bulk Payment: Enables acceptance of bulk

			payments.
payments2	payments/{payment-product}/{paymentId}/status	GET	Inquiry of Applied Single Payment: Returns status of acceptance of single payments.
bulk-payments2	bulk-payments/{payment-product}/{paymentId}/status	GET	Inquiry of Applied Bulk Payment: Returns status of acceptance for bulk payments.
authorizations2	authorize	GET	Issues authorization code (PIS service).
	token	POST	Issues access token (PIS service).

Account Information Service (AIS)

API Name	Endpoints	Method	Description
consents1	consents	POST	Creation of Consent: Creates end user's consent resource.
consents2	consents/{consentId}	GET	Inquiry of Consent Information: Returns consent details.
		DELETE	Deletion of Consent: Deletes a consent.
accounts	accounts	GET	Inquiry of Account Information: Returns a list of accounts for which consent has been obtained.
	accounts/{account-id}/balances	GET	Inquiry of Account Balance: Returns balance information for a designated account.
	accounts/{account-id}/transactions	GET	Inquiry of Transaction History: Returns transaction details for a designated account.
authorizations1	authorize	GET	Issues an authorization code (AIS service).
	token	POST	Issues an access token (AIS service).

Fund Confirmation Service (FCS)

API Name	Endpoints	Method	Description
funds-confirmations1	/consents/confirmation-of-funds	POST	Creation of Consent: Creates end user's consent resource.

funds-confirmations2	/consents/confirmation-of-funds/{consentId}	GET	Inquiry of Consent Information(FCS): Returns consent details(FCS service).
		DELETE	Deletion of Consent(FCS): Deletes a consent(FCS service).
	funds-confirmations	POST	Checks whether a specific amount is available on a designated account.
Authorizations3	authorize	GET	Issues an authorization code (FCS service).
	token	POST	Issues an access token (FCS service).

1.5 API I/F definition

1.5.1 Creation of a Single Payment

- URI

  POST https://api.bk.mufg.jp/div1/corporation/v1/payments/{payment-product}

- Summary

  Creates single payment from an account registered under GCMS Plus.

- Description

  (1) Approval of “Applied” payments via API

  Submitted payments via API become “Applied” status, which is a status waiting for approval.

  For approval, GCMS Plus customers (approver) have to log into GCMS Plus and perform approval.

  (2) Settlement account

  Settlement account must be registered under GCMS Plus.

  Only one settlement account can be set in a call, and multiple settlement accounts cannot be set.

  (3) Available payment service

  Following payment services are available in GCMS Plus and API.

GCMS Plus Payment Menu	Available payment service via API
Payments and Transfers (Domestic (Single), Domestic (Single) - Target2, Book Transfer)	"domestic-payments", "target-2-payments"
Payments and Transfers (Domestic - SEPA, Domestic (Confidential) -	"sepa-credit-transfers"

SEPA)	
UK Low Value Payment	"uk-low-value-payments"
Payments and Transfers (Foreign Remittance)	"cross-border-credit-transfers"
Payments and Transfers (Domestic (Single) - Target2 (ISO20022), Domestic (Single) - CHAPS / Target2 (ISO20022), Book Transfer (ISO20022))	“target-2-payments-iso20022”, “domestic-payments-iso20022”
Payments and Transfers (Foreign Remittance (ISO20022))	“cross-border-credit-transfers-iso20022”

(4) Return of business validation errors

Errors that occurred by various business validations in this API are returned when a separate API “Inquiry of Applied Single Payment” is executed.

See the list of error codes for details of information to be returned.

➢ Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
payment-product	String	M	Not allowed	Fixed as the following eight values: "domestic-payments" "target-2-payments" "sepa-credit-transfers" "uk-low-value-payments" "cross-border-credit-transfers" "target-2-payments-iso20022" "domestic-payments-iso20022" "cross-border-credit-transfers-iso20022"

➢ Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
Content-Type	String	M	Not allowed	Fixed as "application/json"
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the

				initiating party. This is the unique ID of TPP for the payment initiation regarding PSD2 article 46b, 47 and EBA RTS article 29.
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET

				• POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of an installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Request Body

In case of "sepa-credit-transfers" M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
requestedExecutionDate	String	10-10	O	(*1)	Requested payment execution date Format is "yyyy-mm-dd"
purposeCode	String	4-4	O	(*1)	Purpose code
debtorAccount			M	Not	Settlement account

					allowed	
	iban	String	1-34	M	Not allowed	Settlement account number Set the account number registered for SCT.
	currency	String	3-3	O	(*1)	Currency code
instructedAmount				M	Not allowed	Payment amount
	currency	String	3-3	M	Not allowed	Currency code Error if other than "EUR"
	amount	String	1-12	M	Not allowed	Amount Commas not allowed
endToEndIdentification		String	1-35	O	(*1)	Customer reference number
creditorName		String	1-70	M	Not allowed	Beneficiary name
creditorAccount				M	Not allowed	Receiving account number
	iban	String	1-34	M	Not allowed	IBAN
ultimateCreditor		String	1-70	O	(*1)	Final beneficiary
creditorAgent		String	1-11	O	(*1)	Beneficiary bank BICFI
remittanceInformationUnstructured		String	1-140	O	(*1)	Unstructured payment information
remittanceInformationStructured		String	1-25	O	(*1)	Structured payment information
regulatoryReporting		String	1-35	O	(*1)	Regulatory report

(*1) Do not set key/value if no value is set.

"Key":Null is not allowed.

In case of "uk-low-value-payments" M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
requestedExecutionDate	String	10-10	M	Not allowed	Requested execution date "yyyy-mm-dd"
debtorAccount			M	Not	Settlement account

					allowed	number
	iban	String	1-34	M	Not allowed	Settlement account number Set the account number registered for UKLVP.
	currency	String	3-3	O	(*1)	Currency code "GBP"
profileName		String	1-20	M	Not allowed	Profile name
instructedAmount				M	Not allowed	Payment amount
	currency	String	3-3	M	Not allowed	Currency code "GBP"
	amount	String	1-12	M	Not allowed	Amount
creditorName		String	1-18	M	Not allowed	Beneficiary name
creditorAgentClearingSystemMemberId		String	6-6	M	Not allowed	Clearing system member ID of the beneficiary organization "nnnnnn" format
creditorAccount		String	8-8	M	Not allowed	Receiving account number
remittanceInformationUnstructured		String	1-18	O	(*1)	Unstructured payment information

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

In case of "domestic-payments" / "target-2-payments" / "cross-border-credit-transfers" M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
requestedExecutionDate	String	10-10	O	(*1)	Requested execution date Format is "yyyy-mm-dd"
paymentType	String	1-1	M	Not allowed	Payment type Set one of the

						following values: "1": Book Transfer "2": Domestic Remittance "3": Foreign Remittance
serviceLevel		String	1-1	O	(*1)	Service level
instructedAmount				M	Not allowed	Payment amount
	currency	String	3-3	M	Not allowed	Currency Code
	amount	String	1-19	M	Not allowed	
rateType		String	4-4	M	Not allowed	Rate type Set one of the following values: "NOEX" "SPOT" "CONT"
contractId		String	1-15	C	(*1)	Reservation ID Mandatory when rateType is "CONT". Settings other than the above are not allowed.
purpose		String	1-22	O	(*1)	Purpose
endToEndIdentification		String	1-16	O	(*1)	Customer reference number
creditorAccount				M	(*1)	Receiving account number
	iban	String	1-34	C	(*1)	Cannot be set when bban is set.
	bban	String	1-34	C	(*1)	Cannot be set when iban is set.
creditorName		String	1-70	M	Not allowed	Beneficiary name
creditorAddress1		String	1-70	O	(*1)	Beneficiary address 1
creditorAddress2		String	2-2	O	(*1)	Beneficiary address 2
creditorAgentOption		String	1-1	M	Not allowed	Beneficiary organization option

					Set one of the following: "A" "C" "D"
creditorAgentName	String	1-35	C		Beneficiary organization name Required when "D" is selected for creditorAgentOption, or when creditorAgentBranchNameAddress or creditorAgentcountry is set.
creditorAgentBranchNameAddress	String	1-70	O	(*1)	Beneficiary organization branch name / address / city Can be set when "D" is selected for creditorAgentOption.
creditorAgentCountry	String	2-2	C	(*1)	Beneficiary organization country Can be set when "D" is selected for creditorAgentOption. Mandatory when paymentType is "3".
creditorAgentBIC	String	1-11	C	(*1)	Beneficiary organization BIC Required when "A" is selected for creditorAgentOption.
creditorAgentNationalClearingCode	String	1-33	C	(*1)	Local clearing organization code of the beneficiary organization Required when "C" is selected for

						creditorAgentOption.
debtorAccount				M	Not allowed	Settlement account number
	bban	String	1-34	M	Not allowed	Settlement account number Set the account number registered for Payments. Required when "C" is selected for creditorAgentOption.
	currency	String	3-3	O	(*1)	Error if not a currency linked to a G+ account
chargeBearer		String	3-3	M	Not allowed	Charge type
chargeAccount					(*1)	Charge account number
	bban	String	1-34	O	(*1)	
remittanceInformationUnstructured		String	1-140	O	(*1)	Unstructured payment information
regulatoryReporting		String	1-105	O	(*1)	Regulatory report

(*1) Do not set key/value if no value is set.

"Key":Null is not allowed.

In case of "domestic-payments -iso20022" / "target-2-payments -iso20022" / "cross-border-credit-transfers -iso20022"

M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
requestedExecutionDate	String	10-10	O	(*1)	Requested execution date Format is "yyyy-mm-dd"
requestedExecutionTime	String	19-29	O	(*1)	Requested execution time Format is ”yyyy-mm-ddThh:mm:ss.SSS[Z|(+|-)hh:mm]”

paymentType		String	1-1	M	Not allowed	Payment type Set one of the following values: "1": Book Transfer "2": Domestic Remittance "3": Foreign Remittance
instructedAmount				M	Not allowed	Payment amount
	currency	String	3-3	M	Not allowed	Currency Code
	amount	String	1-19	M	Not allowed	amount
exchangeRateInformation		String	4-4	M	Not allowed	Rate type Set one of the following values: "SPOT" "AGRD" "NOEX"
contractId		String	1-35	C	(*1)	Reservation ID Mandatory when rateType is "AGRD". Settings other than the above are not allowed.
purpose		String	1-35	O	(*1)	Purpose
endToEndIdentification		String	1-35	O	(*1)	Customer reference number
instructionIdentification		String	1-35	O	(*1)	Instruction identification
serviceLevel		String	4-4	O	(*1)	Set one of the following values: "URGP" "NURG"
chargeBearer		String	4-4	M	Not allowed	Charge type Set one of the following values: "SHAR" "CRED" "DEBT"
debtorName		String	1-140	O	(*1)	Requester name

debtorAccount				M	Not allowed	Settlement account number
	bban	String	1-34	M	Not allowed	Cannot be set when iban is set.
	iban	String	1-34	C	(*1)	Cannot be set when bban is set.
	currency	String	3-3	O	(*1)	Mandatory when iban is set. Error if not a currency linked to a G+ account
debtorId		String	1-35	O	(*1)	Requester identification
creditorAccount				M	(*1)	Receiving account number
	bban	String	1-34	C	(*1)	Cannot be set when iban is set.
	iban	String	1-34	C	(*1)	Cannot be set when bban is set.
creditorAgentBIC		String	1-11	C	(*1)	Any of Beneficiary organization BIC, CreditorAgentBIC, or creditorAgentName is required when paymentType is “1” or “3”. Any of creditorAgentBIC, creditorAgentName, or creditorAgentNationalClearingCode is required when paymentType is "2".
creditorAgentAddress		-	-	-	-	Beneficiary organization address
	streetName	String	1-70	O	(*1)	Street name
	buildingNumber	String	1-16	O	(*1)	Building number
	townName	String	1-35	O	(*1)	Town name Mandatory when paymentType is “2” or “3” and either creditorAgentName or

						any items under creditorAgentAdrress are set.
	postCode	String	1-16	O	(*1)	Post code
	country	String	2-2	O	(*1)	Country code Mandatory when paymentType is “2” or “3” and any of creditorAgentName or any items under creditorAgentAdrress are set.
creditorAgentName		String	1-140	C	(*1)	Beneficiary organization name Either creditorAgentName or creditorAgentBIC is required when paymentType is "1" or "3" Any of creditorAgentName, creditorAgentBIC or creditorAgentNationalClearingCode is required when paymentType is "2". Mandatory when paymentType is “2” or “3” and any items under creditorAgentAdrress are set.
creditorAgentNationalClearingCode		String	1-35	C	(*1)	Beneficiary organization national clearing code Any of creditorAgentNationalClearingCode, creditorAgentBIC, or creditorAgentName is

						required when paymentType is “2”.
creditorName		String	1-140	M	Not allowed	Beneficiary Name
creditorId		String	1-35	O	(*1)	Beneficiary identification
creditorAddress		-	-	-	-	Beneficiary address
	streetName	String	1-70	O	(*1)	Street name
	buildingNumber	String	1-16	O	(*1)	Building number
	townName	String	1-35	O	(*1)	Town name
	postCode	String	1-16	O	(*1)	Post code
	country	String	2-2	O	(*1)	Country code
ultimateDebtor		String	1-140	O	(*1)	Ultimate debtor Mandatory when any items under ultimateDebtorAddress are set.
ultimateDebtorAddress		-	-	-	-	Ultimate debtor address
	streetName	String	1-70	O	(*1)	Street name
	townName	String	1-35	O	(*1)	Town name Mandatory when ultimateDebtor or any items under ultimateDebtorAddress are set.
	postCode	String	1-16	O	(*1)	Post code
	country	String	2-2	O	(*1)	Country code Mandatory when ultimateDebtor or any items under ultimateDebtorAddress are set.
ultimateCreditor		String	1-140	O	(*1)	Ultimate beneficially Mandatory when any items under ultimateCreditor are set.
ultimateCreditorAddress		-	-	-	-	Ultimate beneficially address
	streetName	String	1-70	O	(*1)	Street name
	townName	String	1-35	O	(*1)	Town name

						Mandatory when ultimateCreditor or ultimateCreditorAddress is set.
	postCode	String	1-16	O	(*1)	Post code
	country	String	2-2	O	(*1)	Country code Mandatory when ultimateCreditor or any items under ultimateCreditorAddress is set.
remittanceInformationUnstructured		String	1-140	O	(*1)	Unstructured payment information
chargeAccount		-	-	-	-	Charge account number
	bban	String	1-34	O	(*1)	Cannot be set when iban is set.
	iban	String	1-34	O	(*1)	Cannot be set when bban is set.
	currency	String	3-3	O	(*1)	Mandatory when iban is set. Error if not a currency linked to a G+ account
regulatoryReportingInformationToDebtorAgent		String	1-350	O	(*1)	Regulatory reporting information to debtor agent
regulatoryReportingInformationToCreditorAgent1		String	1-35	O	(*1)	Regulatory reporting information to debtor agent 1
regulatoryReportingInformationToCreditorAgent2		String	1-35	O	(*1)	Regulatory reporting information to debtor agent 2
regulatoryReportingInformationToCreditorAgent3		String	1-35	O	(*1)	Regulatory reporting information to debtor agent 3
regulatoryReportingInformationToCreditorAgent4		String	1-35	O	(*1)	Regulatory reporting information to debtor agent 4
regulatoryReportingInformationToCreditorAgent5		String	1-35	O	(*1)	Regulatory reporting information to debtor

					agent）5
regulatoryReportingInformationToCreditorAgent6	String	1-35	O	(*1)	Regulatory reporting information to debtor agent 6
regulatoryReportingInformationToCreditorAgent7	String	1-35	O	(*1)	Regulatory reporting information to debtor agent 7
regulatoryReportingInformationToCreditorAgent8	String	1-35	O	(*1)	Regulatory reporting information to debtor agent 8
regulatoryReportingInformationToCreditorAgent9	String	1-35	O	(*1)	Regulatory reporting information to debtor agent 9
regulatoryReportingInformationToCreditorAgent10	String	1-35	O	(*1)	Regulatory reporting information to debtor agent 10
instructionForDebtorAgent	String	1-140	O	(*1)	Instruction for debtor agent

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

Response Code (normal case)
The HTTP response code equals 201.
*See 1.5.17 "Response object (error case)" for response in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
Location	String	None	Location of the created resource (if created) "https://api.bk.mufg.jp/div1/corporation/v1/payments/"PIS"+yymm+nnnnnn" format
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
ASPSP-SCA-Approach	String	None	This data element must be

			contained, if the SCA Approach is already fixed. Possible values are: • EMBEDDED • DECOUPLED • REDIRECT The OAuth SCA approach will be subsumed by REDIRECT. Fixed as "REDIRECT"
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

➢ Response Body

Attribute	Type	Digit	Returning Null data	Description
paymentId	String	14-14	None	Resource identification of the generated payment initiation resource. PIS+"YYMM"+"NNNNNNN"
transactionStatus	String	4-4	None	Status of payment. See Description in 1.5.2 for details. "RCVD"
transactionFeeIndicator	Boolean	4-4	None	If equals true, the transaction will involve specific transaction cost as shown by the ASPSP in their public price list or as agreed between ASPSP and PSU. If equals false, the transaction will not involve additional specific transaction costs to the PSU. If this data element is not used, there is no information about transaction fees unless the fee amount is given explicitly in the data element transactionFees.

				MUFG only supports "True".
_links			None	A list of hyperlinks to be recognised by the TPP. The actual hyperlinks used in the response depend on the dynamical decisions of the ASPSP when processing the request. Remark: All links can be relative or full links, to be decided by the ASPSP. Type of links admitted in this response, (further links might be added for ASPSP defined extensions):
scaOauth	href		None	Link to the Issuance of Authorization Code API
href	String	1-512	None	"https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authorize/"
status	href		None	Link to the Inquiry of Applied Single Payment API
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation/v1/payments/{payment-product}/{paymentId}/status"
token	href		None	Link to the Issuance of Access Token API
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation2/v1/oauth2/token"

- Request and response example

  [Request]

  In case of "sepa-credit-transfers"

(URI)	POST https://api.bk.mufg.jp/div1/corporation/v1/payments/sepa-credit-transfers
(HTT	content-type: application/json
P	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721

Head er)

PSU-IP-Address: 192.168.8.78
PSU-IP-Port: 80
PSU-Accept: application/json
PSU-Accept-Charset: utf8
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

(HTTP Body)


```
{
   "requestedExecutionDate":"2018-12-31",
   "purposeCode":"1234",
   "debtorAccount":
   {
      "iban":"3301EUR10000001",
      "currency":"EUR"
   },
   "instructedAmount":
   {
      "currency":"EUR",
      " amount":"1234567.89"
   },
   "endToEndIdentification":" custreference001 ",
   "creditorName":"beneficiary name or address01",
   "creditorAccount":
   {
      "iban":"3301EUR10000001"
   },
   "ultimateCreditor":"ultimateCreditor1234",
   "creditorAgent":"creditorAgent1234",
   "remittanceInformationUnstructured":"remittanceUnstructured1234",
   "remittanceInformationStructured":"remittanceStructured1234",
   "regulatoryReporting":"regulatoryReporting 1234"
}
```

In case of "uk-low-value-payments"

(URI) POST https://api.bk.mufg.jp/div1/corporation/v1/payments/uk-low-value-payments

(HTTP Header)
```
content-type: application/json
X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-IP-Address: 192.168.8.78
PSU-IP-Port: 80
PSU-Accept: application/json
PSU-Accept-Charset: utf8
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN
CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
cygdI48kElOz4-----END CERTIFICATE-----
```

(HTTP Body)
```
{
  "requestedExecutionDate":"2018-12-31",
  "debtorAccount":
  {
    "iban":"3301EUR10000001",
    "currency":"EUR"
  },
  "profileName":" profilename001 ",
  "instructedAmount":
  {
    "currency":" EUR ",
    " amount":"1234567.89"
  },
  "creditorName":"beneficiary name or address01",
  "creditorAgentClearingSystemMemberId":"creditorsystemmemberid001",
  "creditorAccount":"3301EURCUA800001",
  "remittanceInformationUnstructured":"remittanceUnstructured1234"
}
```

In case of "domestic-payments"

(URI) POST https://api.bk.mufg.jp/div1/corporation/v1/payments/domestic-payments

(HTTP Header)
content-type: application/json
X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-IP-Address: 192.168.8.78
PSU-IP-Port: 80
PSU-Accept: application/json
PSU-Accept-Charset: utf8
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

(HTTP Body)

```
{
  "requestedExecutionDate":"2018-12-31",
  "paymentType":"1",
  "serviceLevel":"0",
  "instructedAmount":
  {
    "currency":"EUR",
    " amount":"1234567.89"
  },
  "rateType":"NOEX",
  "purpose":"purpose001",
  "endToEndIdentification":" custreference001 ",
  "creditorAccount":
  {
    "iban":"3301EUR000001",
    "bban":"3301EUR10000001"
  },
  "creditorName":"beneficiary name or address01",
  "creditorAddress1":"beneficiary name or address02",
  "creditorAddress2":"beneficiary name or address03",
  "creditorAgentOption":"A",
```

```
    "creditorAgentName":"creditoragentname001",
    "creditorAgentBranchNameAddress":"creditoraddress001",
    "creditorAgentCountry":"creditoragentcountry001",
    "debtorAccount":
    {
      "bban":"3301EUR10000001",
      "currency":"EUR"
    },
    "chargeBearer":"BEN",
    "chargeAccount":"3301EUR10000001",
    "remittanceInformationUnstructured":"remittanceUnstructured1234",
    "regulatoryReporting":"regulatoryrepoting001"
  }
```

[Response]

```
(HTTP Header)   HTTP/1.1 201 Created
                Location: https://www.testbank.com/psd2/
                v1/payments/1234-wertiq-983
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                ASPSP-SCA-Approach: REDIRECT
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "transactionStatus":"RCVD",
                  "paymentId":"PIS19020001234"
                  "transactionFeeIndicator":true
                  "_links":
                  {
                    "scaOAuth":
                    {
                      "href": "
                          https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authori
                          ze/"
                    },
                    "status":
                    {
                      "href":"https://api.bk.mufg.jp/div1/corporation/v1/payments/
                         uk-low-value-payments/ PIS19020001234/status"
```

```
        },
        "token":
        {
          "href": "
             https://api.bk.mufg.jp/div1/corporation2/v1/oauth2/token "
        }
       }
    }
```

1.5.2 Creation of Bulk Payment

- URI

  POST https://api.bk.mufg.jp/div1/corporation/v1/bulk-payments/{payment-product}

- Summary

  Creates bulk payment from accounts registered under GCMS Plus.

- Description

  (1) Approval of “Applied” payments via API

  Submitted payments via API become “Applied” status, which is a status waiting for approval.

  For approval, GCMS Plus customers (approver) have to log into GCMS Plus and perform approval.

  (2) Settlement account

  Settlement account must be registered under GCMS Plus.

  (3) Available payment service

  Following payment services are available in GCMS Plus and API.

GCMS Plus Payment Menu	Available payment service via API
Payments and Transfers (Domestic - SEPA, Domestic (Confidential) - SEPA)	"sepa-credit-transfers"
UK Low Value Payment	"uk-low-value-payments"

  (4) Return of business errors

  Errors that occurred by various business validations in this API are returned when a separate API “Inquiry of Applied Bulk Payment” is executed.

  See the list of error codes for details of information to be returned.

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
payment-product	String	M	Not allowed	Fixed as the following three values: "sepa-credit-transfers" "uk-low-value-payments"

- Request Header

  Same as Request Header in 1.5.1 "Creation of Single Payment".

- Request Body

  In case of "sepa-credit-transfers" M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
paymentInformationId	String	1-35	O	(*1)	
requestedExecutionDate	String	10-10	O	(*1)	Requested payment execution date Format is "yyyy-mm-dd"
purposeCode	String	4-4	O	(*1)	Purpose code
confidential	String	1-1	M	Not allowed	"1" or "0"
batchBookingPreferred	String	1-5	O	(*1)	Uniformly processed as "true" regardless of whether this field is set or not.
debtorAccount			M	Not allowed	Settlement account
iban	String	1-34	M	Not allowed	Settlement account number Set the account number registered for SCT.
currency	String	3-3	O	(*1)	Currency code
payments			M	Not allowed	Recurring field
instructedAmount			M	Not allowed	Payment amount
currency	String	3-3	M	Not allowed	Currency code Error if other than "EUR"
amount	String	1-12	M	Not	Amount

					allowed	Commas not allowed
endToEndIdentification		String	1-35	O	(*1)	Customer reference number
creditorName		String	1-70	M	Not allowed	Beneficiary name
creditorAccount				M	Not allowed	Receiving account number
	iban	String	1-34	M	Not allowed	IBAN
ultimateCreditor		String	1-70	O	(*1)	Final beneficiary
creditorAgent		String	1-11	O	(*1)	Beneficiary organization BICFI
remittanceInformationUnstructured		String	1-140	O	(*1)	Unstructured payment information
remittanceInformationStructured		String	1-25	O	(*1)	Structured payment information
regulatoryReporting		String	1-35	O	(*1)	Regulatory report

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

In case of "uk-low-value-payments" M: Mandatory, O: Optional, C: Conditional

Attribute	Type	Digit	Condition	Null value	Description
paymentInformationId	String	1-35	O	(*1)	
requestedExecutionDate	String	10-10	M	Not allowed	Requested execution date "yyyy-mm-dd"
batchBookingPreferred	String	1-5	O	(*1)	Uniformly processed as "true" regardless of whether this field is set or not.
debtorAccount			M	Not allowed	Settlement account number
iban	String	1-34	M	Not allowed	Settlement account number Set the account number registered for UKLVP.
currency	String	3-3	O	(*1)	Currency code Error if other than "GBP"
profileName	String	1-20	M	Not	Profile name

				allowed	
payments			M	Not allowed	Recurring field
instructedAmount			M	Not allowed	Payment amount
currency	String	3-3	M	Not allowed	Currency code "GBP"
amount	String	1-12	M	Not allowed	Amount
creditorName	String	1-18	M	Not allowed	Beneficiary name
creditorAgentClearingSystemMemberId	String	6-6	M	Not allowed	Clearing system member ID of the beneficiary organization "nnnnnn" format
creditorAccount	String	8-8	M	Not allowed	Receiving account number
remittanceInformationUnstructured	String	1-18	O	(*1)	Unstructured payment information

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

- Response Code (normal case)

  Same as Response Code (normal case) in 1.5.1 "Creation of Single Payment".

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

  Same as Response Header in 1.5.1 "Creation of Single Payment".

- Response Body

  Same as Response Body in 1.5.1 "Creation of Single Payment".

- Request and response example

  [Request]

  In case of "sepa-credit-transfers"

(URI)	POST https://api.bk.mufg.jp/div1/corporation/v1/bulk-payments/sepa-credit-transfers
(HTT	content-type: application/json
P	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Head	PSU-IP-Address: 192.168.8.78

er)	PSU-IP-Port: 80 PSU-Accept: application/json PSU-Accept-Charset: utf8 PSU-Accept-Encoding: utf8 PSU-Accept-Language: en PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0 PSU-Http-Method: POST PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 PSU-Geo-Location: GEO:52.506931;13.144558 Date: Mon, 31 Dec 2018 15:02:37 GMT X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbt cygdI48kElOz4-----END CERTIFICATE-----
(HTT P Body)	{ " paymentInformationId":" paymentInformationId001", "requestedExecutionDate":"2018-12-31", "purposeCode":"1234", "confidential":"1", "confidential":"1", "batchBookingPreferred":true, "debtorAccount": { "iban":"3301EUR10000001", "currency":"EUR" }, "payments": [{ "instructedAmount": { "currency":"EUR", " amount":"1234567.89" }, "endToEndIdentification":" custreference001 01", "creditorName":"beneficiary name or address01 01", "creditorAccount": { "iban":"3301EUR10000001"

```
        },
        "ultimateCreditor":"ultimateCreditor1234 01",
        "creditorAgent":"creditorAgent1234 01",
        "remittanceInformationUnstructured":"remittance1234 01",
        "remittanceInformationStructured":"remittanceStructured1234 01",
        "regulatoryReporting":"regulatoryReporting 1234 01"
      },
      {
        "instructedAmount":
        {
          "currency":"USD",
          " amount":"12345.67"
        },
        "endToEndIdentification":" custreference001 02",
        "creditorName":"beneficiary name or address01 02",
        "creditorAccount":
        {
          "iban":"3301EUR10000001"
        },
        "ultimateCreditor":"ultimateCreditor1234 02",
        "creditorAgent":"creditorAgent1234 02",
        "remittanceInformationUnstructured":"remittance1234 02",
        "remittanceInformationStructured":"remittanceStructured1234 02",
        "regulatoryReporting":"regulatoryReporting 1234 02"
      }
    ]
  }
```

In case of "uk-low-value-payments"

(URI)	POST https://api.bk.mufg.jp/div1/corporation/v1/bulk-payments/uk-low-value-payments
(HTT	content-type: application/json
P	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Head	PSU-IP-Address: 192.168.8.78
er)	PSU-IP-Port: 80
	PSU-Accept: application/json
	PSU-Accept-Charset: utf8
	PSU-Accept-Encoding: utf8
	PSU-Accept-Language: en
	PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0

PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

(HTTP Body)


```
{
  " paymentInformationId":" paymentInformationI001",
  "requestedExecutionDate":"2018-12-31",
  "batchBookingPreferred":true,
  "debtorAccount":
  {
    "iban":"3301EUR10000001",
    "currency":"EUR"
  },
  "profileName":" profilename001 ",
  "payments":
  [
    {
      "instructedAmount":
      {
        "currency":" EUR ",
        " amount":"1234567.89"
      },
      "creditorName":"beneficiary name or address01 01",
      "creditorAgentClearingSystemMemberId":"creditor001 01",
      "creditorAccount":"3301EURCUA800001",
      "remittanceInformationUnstructured":"remittance1234 01"
    },
    {
      "instructedAmount":
      {
        "currency":" EUR ",
        " amount":"12345.67"
      },
      "creditorName":"beneficiary name or address01 02",
      "creditorAgentClearingSystemMemberId":"creditor001 02",
```

```
            "creditorAccount":"3301EURCUA800001",
            "remittanceInformationUnstructured":"remittance1234 02"
          },
          {
            "instructedAmount":
            {
              "currency":" EUR ",
              " amount":"123.45"
            },
            "creditorName":"beneficiary name or address01 03",
            "creditorAgentClearingSystemMemberId":"creditor001 03",
            "creditorAccount":"3301EURCUA800001",
            "remittanceInformationUnstructured":"remittance1234 03"
          }
        ]
      }
```


[Response]

Same as the Response in 1.5.1 "Creation of Single Payment".

1.5.3 Inquiry of Applied Single Payment

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v1/payments/{payment-product}/{paymentId}/status

- Summary

  Returns status of single payment that has been applied via API.

  paymentId is used as the key to perform inquiry, which has been returned from API upon POST /Payment. This API's endpoint is set to the _links status href field in the response information of the Creation of Single Payment API. Please wait at least 5 seconds if you intend to execute this API immediately after the previous processing (=1.5.13 Issuance of Access Token) ends. Add the following Request Header information to the endpoint and execute it.

- Description

  (1) Single payments that can be inquired about

  Single payment to be inquired about must be performed via API.

  Statuses are as follows.

Status	Description
ACSP	All preceding checks such as technical validation and customer profile were successful and therefore the payment initiation has

	been accepted for execution. - The payment has been "Approved" by the final approver via GCMS Plus.
RCVD	Payment initiation has been received by the receiving agent. - The POST /Payment request has been received by GCMS Plus, and PaymentID has been generated.
PDNG	Payment initiation or individual transaction included in the payment initiation is pending. Further checks and status update will be performed. - POST /Payment has been executed, but PaymentID has not been generated yet.
RJCT	Payment initiation or individual transaction included in the payment initiation has been rejected. - The payment has been "Reject"ed via GCMS Plus. - The POST /Payment request has resulted in a `business` error.

➢ Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
payment-product	String	M	Not allowed	Fixed as the following eight values: "domestic-payments" "target-2-payments" "sepa-credit-transfers" "uk-low-value-payments" "cross-border-credit-transfers" "target-2-payments-iso20022" "domestic-payments-iso20022" "cross-border-credit-transfers-iso20022"
paymentId	String	M	Not allowed	Resource Identification of the related payment. "PIS"+YYMM+NNNNNNN format

➢ Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description

X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based authentication was performed in a pre-step or an OAuth2 based SCA was performed in the current PIS transaction or in a preceding AIS service in the same session, if no such OAuth2 SCA approach was chosen in the current PIS transaction. Access token obtained in advance
Accept	String	M	Not allowed	The TPP can indicate the formats of status reports supported together with a prioritization following the HTTP header definition. The formats supported by this specification are • xml • JSON If only one format is supported by the TPP, which is not supported by the ASPSP this can lead to a rejection of the request. Fixed as "application/json" by MUFG
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this

				request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of an installation identification this ID need to

				be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Response Code (normal case)

  The HTTP response code equals 200.

  *See 1.5.17 "Response object (error case)" for response in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning Null data	Description
transactionStatus	String	4-4	None	The following statuses are returned based on approval status, etc. PDNG: Payment application

				executed RJCT: Business error for payment application RJCT: Payment application rejected ACSP: Final approval given

- Request and response example

[Request]

(URI)	GET https://api.bk.mufg.jp/div1/corporation/v1/payments/sepa-credit-transfers/PIS19020001234/status
(HTTP Header)	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Authorization: 391c7ead8849eca2ad-99ddcb1f7721 Accept: application/json PSU-IP-Address: 192.168.8.78 PSU-IP-Port: 80 PSU-Accept: application/json PSU-Accept-Charset: utf8 PSU-Accept-Encoding: utf8 PSU-Accept-Language: en PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0 PSU-Http-Method: POST PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 PSU-Geo-Location: GEO:52.506931;13.144558 Date: Mon, 31 Dec 2018 15:02:37 GMT X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

[Response]

(HTTP Header)	HTTP/1.1 200 OK X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 ASPSP-SCA-Approach: REDIRECT Content-Type: application/json Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)	{ "transactionStatus":"ACCP"

```
}
```

1.5.4 Inquiry of Applied Bulk Payment

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v1/bulk-payments/{payment-product}/{paymentId}/status

- Summary

  Returns status of bulk payments that has been applied via API.

  paymentId is used as the key to perform inquiry, which has been returned from API upon POST /Payment.

  This API's endpoint is set to the _links status href field in the response information of the Creation of Bulk Payment API. Please wait at least 5 seconds if you intend to execute this API immediately after the previous processing (=1.5.13 Issuance of Access Token) ends. Add the following Request Header information to the endpoint and execute it.

- Description

  (1) Bulk payments that can be inquired about

  Bulk payments to be inquired about must be performed via API.

  Statuses are the same as listed in 1.5.3 "Inquiry of Applied Single Payment".

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
payment-product	String	M	Not allowed	Fixed as the following three values: "sepa-credit-transfers" "uk-low-value-payments"
paymentId	String	M	Not allowed	Resource Identification of the related payment. "PIS"+YYMM+NNNNNNN format

- Request Header

  Same as Request Header in 1.5.3 "Inquiry of Applied Single Payment".

- Response Code (normal case)

  Same as Response Code (normal case) in 1.5.3 "Inquiry of Applied Single Payment".

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

  Same as Response Header in 1.5.3 "Inquiry of Applied Single Payment".

- Response Body

  Same as Response Body in 1.5.3 "Inquiry of Applied Single Payment".

- Request and response example

  [Request]

(URI)	GET https://api.bk.mufg.jp/div1/corporation/v1/bulk-payments/sepa-credit-transfers /PIS19020001234/status
(HTTP Header)	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
	Authorization: 391c7ead8849eca2ad-99ddcb1f7721
	Accept: application/json
	PSU-IP-Address: 192.168.8.78
	PSU-IP-Port: 80
	PSU-Accept: application/json
	PSU-Accept-Charset: utf8
	PSU-Accept-Encoding: utf8
	PSU-Accept-Language: en
	PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
	PSU-Http-Method: POST
	PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
	PSU-Geo-Location: GEO:52.506931;13.144558
	Date: Mon, 31 Dec 2018 15:02:37 GMT
	X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
	X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

  [Response]

(HTTP Header)	HTTP/1.1 200 OK
	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
	ASPSP-SCA-Approach: REDIRECT
	Content-Type: application/json
	Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)	{
	"transactionStatus":"ACCP"
	}

1.5.5 Inquiry of Account Information

- URI

GET https://api.bk.mufg.jp/div1/corporation/v1/accounts

- Summary

  Returns list of accounts for which consent has been obtained.

  consentId is used as the key of to perform inquiry, which has been returned from API upon POST /Consent.

- Description

  (1) Accounts that can be inquired about

  Accounts to be inquired about must be registered under GCMS Plus and consent for them must be obtained in advance.

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Consent-ID	String	M	Not allowed	Shall be contained since "Establish Consent Transaction" was performed via this API before. "AIS"+YYMM+NNNNNNN format
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based authentication was performed in a pre-step or an OAuth2 based SCA was performed in the related consent authorization.
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not	The forwarded IP Port header

			allowed	field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of installation identification this ID need to be unaltered until removal from device.

PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Response Code (normal case)

  The HTTP response code equals 200.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. * Same value set in the “X-Request-ID” field in Request Header will be returned.
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning Null data	Description
accounts	(配列)		None	Generates an array for the number of accounts.
resourceId	String	1-64	None	Hashed value of the account number
iban	String	1-34	(*1)	Account number in IBAN format

bban	String	1-35	(*1)	Account number
currency	String	3-3	None	Currency code
name	String	1-20	(*1)	Account name
product	String	1-35	(*1)	First 35 characters of the account type
details	String	1-140	(*1)	Bank name and branch name are connected with a single-byte space.
_links			None	
balances			None	Link to the Inquiry of Account Balance API
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/balances"
transactions			None	Link to the Inquiry of Transaction History API
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/transactions"

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Request and response example

[Request]

```
(URI)  GET https://api.bk.mufg.jp/div1/corporation/v1/accounts
(HTTP  X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
       Consent-ID: AIS19020001234
Header) Authorization: 391c7ead8849eca2ad-99ddcb1f7721
       PSU-IP-Address: 192.168.8.78
       PSU-IP-Port: 80
       PSU-Accept: application/json
       PSU-Accept-Charset: utf8
       PSU-Accept-Encoding: utf8
       PSU-Accept-Language: en
       PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
       PSU-Http-Method: POST
       PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
       PSU-Geo-Location: GEO:52.506931;13.144558
       Date: Mon, 31 Dec 2018 15:02:37 GMT
       X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
```

```
X-Client-Certificate: -----BEGIN
CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
cygdI48kElOz4-----END CERTIFICATE-----
```

[Response]

```
(HTTP Header)   HTTP/1.1 200 OK
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "accounts":
                  [
                   {
                    "resourceId": "3dc3d5b39f5400a64e80f",
                    "iban": "3301EUR000001",
                    "bban": "3301EUR10000001",
                    "currency": "EUR",
                    "name": "name001",
                    "product": "product001",
                    "details": "details001",
                    "_links":
                    {
                     "balances":
                     {
                      "href":
                      "/corporation/v1/accounts/3dc3d5b39f5400a64e80f/balances"
                     },
                     "transactions":
                     {
                      "href":
                      "/corporation/v1/accounts/3dc3d5b39f5400a64e80f/transactions"
                     },
                   }
                  }
                 ]
                }
```

1.5.6 Inquiry of Account Balance

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/balances

- Summary

  Returns balance information as of the latest date for a designated account.
  resourceId is used as the key to perform inquiry, which has been returned from API upon GET /account.
  This API's endpoint is set to the _links balances href field in the response information of the Inquiry of Account Information API. Add the following Request Header information to the endpoint and execute it.

- Description

  (1) Accounts that can be inquired about

  Balances to be inquired about must be registered under GCMS Plus and consent for them must be obtained in advance.

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
account-id	String	M	Not allowed	This identification is denoting the addressed account. The account-id is retrieved by using a "Read Account List" call. The account-id is the "resourceId" attribute of the account structure. Its value is constant at least throughout the lifecycle of a given consent. resourceId obtained via GET /v1/accounts/

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Consent-ID	String	M	Not allowed	"AIS"+YYMM+NNNNNNN format
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based authentication

				was performed in a pre-step or an OAuth2 based SCA was performed in the related consent authorization.
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST

				• PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of an installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Response Code (normal case)

  The HTTP response code equals 200.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the

			“X-Request-ID” field in Request Header will be returned.
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning Null data	Description
accounts			None	Identifier of the addressed account.
iban	String	1-34	(*1)	Account number in IBAN format
bban	String	1-35	(*1)	Account number
currency	String	3-3	None	Currency code
balances			(*1)	A list of balances regarding this account, e.g. the current balance, the last booked balance.
balanceAmount			None	Balance amount
currency	String	3-3	None	Currency code
amount	String	1-22	(*1)	Amount
balanceType	String	13-16	None	Transaction type "closingBooked" Or "interimAvailable"
referenceDate	String	10-10	None	Reference date YYYY-MM-DD format

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Request and response example

[Request]

```
(URI)   GET https://api.bk.mufg.jp/div1/corporation/v1/accounts/3dc3d5b39f5400a64e80f/balances
(HTT    X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
P       Consent-ID: AIS19020001234
Head    Authorization: 391c7ead8849eca2ad-99ddcb1f7721
er)     PSU-IP-Address: 192.168.8.78
        PSU-IP-Port: 80
        PSU-Accept: application/json
        PSU-Accept-Charset: utf8
```

```
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN
CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
cygdI48kEIOz4-----END CERTIFICATE-----
```

[Response]

```
(HTTP Header)   HTTP/1.1 200 OK
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "accounts":
                  {
                    "iban": "3301EUR000001",
                    "bban": "3301EUR10000001",
                    "currency": "EUR"
                  },
                  "balances":
                  [
                    {
                      "balanceAmount":
                        {
                          "currency":"EUR",
                          "amount":123456.78
                        }
                       "balanceType":"interimAvailable",
                      "referenceDate":"2018-12-31"
                    }
                   ]
                }
```

1.5.7 Inquiry of Transaction History

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/transactions?{query-parameters}

- Summary

  Returns transaction information of a designated account.

  resourceId is used as the key to perform inquiry, which has been returned from API upon GET /account.

  This API's endpoint is set to the _links transactions href field in the response information of the Inquiry of Account Information API. Add the following Query Parameters and Request Header information to the endpoint and execute it.

- Description

  (1) Accounts that can be inquired about

  Transactions to be inquired about must be registered under GCMS Plus and consent for them must be obtained in advance.

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
account-id	String	M	Not allowed	This identification is denoting the addressed account. The account-id is retrieved by using a "Read Account List" call. The account-id is the "id" attribute of the account structure. Its value is constant at least throughout the lifecycle of a given consent. account-id obtained via GET /v1/accounts/

- Query Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
dateFrom	ISODate	M	Not allowed	Starting date (inclusive the date dateFrom) of the transaction list, mandated if no delta access is required. Might be ignored if a delta function is used. YYYY-MM-DD format
dateTo	ISODat	O	(*1)	End date (inclusive the data

	e			dateTo) of the transaction list, default is now if not given. Might be ignored if a delta function is used. The current date is used if left blank. YYYY-MM-DD format
bookingStatus	String	M	Not allowed	Permitted codes are "booked", "pending" and "both" "booked" shall be supported by the ASPSP. To support the "pending" and "both" feature is optional for the ASPSP, Error code if not supported in the online banking frontend Fixed as "booked" by MUFG
withBalance	Boolean	O	(*2)	If contained, this function reads the list of transactions including the booking balance, if granted by the PSU in the related consent and available by the ASPSP. This parameter might be ignored by the ASPSP. Fixed as "true" or "false"

(*1) Determined by TPP. If left blank, the current date will be used.

(*2) Use the following values for each condition.

1 When the field is set;

(1) When a value is set;

i When the value is true → true

ii When the value is false → false

(2) When a value is not set; → false

2 When the field is not set → false

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not	ID of the request, unique to

			allowed	the call, as determined by the initiating party.
Consent-ID	String	M	Not allowed	"AIS"+YYMM+NNNNNNN format
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based authentication was performed in a pre-step or an OAuth2 based SCA was performed in the related consent authorization.
Accept	String	M	Not allowed	The TPP can indicate the formats of account reports supported together with a priorisation following the HTTP header definition. The formats supported by this specification are • xml • JSON • text Remark: Content types might be extended in the next version of the specification. This shall enable the TPP to address different camt.05x versions or different MT94x versions in a corporate context. The TPP then could e.g. say: "I prefer MT942, but take MT940 if MT942 is not available." Fixed as "application/json" by MUFG
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP.

				If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant

				application installation. In case of an installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.
(*2) Required only for Test Facility

- Response Code (normal case)

The HTTP response code equals 200.
*See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
Content-Type	String	None	Fixed as "application/json"
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning Null data	Description
accounts			None	

iban	String	1-34	(*1)	Account number in IBAN format
bban	String	1-35	(*1)	Account number
currency	String	3-3	None	Currency code
transactions			None	JSON based account report.
booked			(*1)	(Repeatedly returned for the number of transactions)
entryReference	String	1-16	(*1)	Bank transaction number
endToEndId	String	1-16	(*1)	Customer reference number
bookingDate	String	10-10	None	Booking date YYYY-MM-DD format
valueDate	String	10-10	(*1)	Clearing date YYYY-MM-DD format
transactionAmount			None	Transaction amount
currency	String	3-3	None	Currency code
amount	String	1-22	None	Amount
remittanceInformationUnstructured	String	1-34	(*1)	Transaction information
proprietaryBankTransactionCode	String	1-30	(*1)	Transaction type (abbreviated)
informationToAccountOwner	String	1-395	(*1)	Information to the account holder
_links			None	Link
account			None	Account information Cannot be executed because the URI to be returned is not an available API.
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}"
balances			(*1)	A list of balances regarding this account, which might be restricted to the current balance. The latest balance within the date range set for dateFrom/dateTo in Query Parameters is returned.
balanceAmount			None	Balance amount

	currency	String	3-3	None	Currency code
	amount	String	1-22	(*1)	Amount
balanceType		String	13-16	None	Transaction type "closingBooked" Or "interimAvailable"
referenceDate		String	10-10	None	Reference date YYYY-MM-DD format

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Request and response example

[Request]

(URI)	GET https://api.bk.mufg.jp/div1/corporation/v1/accounts/3dc3d5b39f5400a64e80f/transactions?dateFrom=2018-12-18&dateTo=2018-12-19&bookingStatus=booked&withBalance=true
(HTTP Header)	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Consent-ID: AIS19020001234 Authorization: 391c7ead8849eca2ad-99ddcb1f7721 PSU-IP-Address: 192.168.8.78 PSU-IP-Port: 80 PSU-Accept: application/json PSU-Accept-Charset: utf8 PSU-Accept-Encoding: utf8 PSU-Accept-Language: en PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0 PSU-Http-Method: POST PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 PSU-Geo-Location: GEO:52.506931;13.144558 Date: Mon, 31 Dec 2018 15:02:37 GMT X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kEIOz4-----END CERTIFICATE-----

[Response]

(HTTP Header)	HTTP/1.1 200 OK Content-Type: application/json X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Date: Mon, 31 Dec 2018 15:02:37 GMT

(HTTP Body)


```
{
  "accounts":
  {
    "iban": "3301EUR000001",
    "bban": "3301EUR10000001",
    "currency": "EUR"
  },
  "transactions":
  {
    "booked":
    [
      {
        "entryRefarence":"refarence001",
        "endToEndId":"endid001",
        "bookingDate":"2018-12-31T12:34:56:000Z",
        "valueDate":"2018-12-31T12:34:56:000Z ",
        "transactionAmount":
        {
          "currency":"EUR",
          "amount":"123.45"
        },
        "remittanceInformationUnstructured":"remittance1234",
        "proprietaryBankTransactionCode":"transactioncode01",
        "informationAccountOwner":"accountowner001",
      },
      {
        "entryRefarence":"refarence002",
        "endToEndId":"endid002",
        "bookingDate":"2018-12-31T12:34:56:000Z",
        "valueDate":"2018-12-31T12:34:56:000Z ",
        "transactionAmount":
        {
          "currency":"EUR",
          "amount":"567.89"
        },
        "remittanceInformationUnstructured":"remittance234",
        "proprietaryBankTransactionCode":"transactioncode02",
        "informationAccountOwner":"accountowner002",
      },
```

```
        ],
        "_links":
          {
            "account":
            {
            "href": "
            https://api.bk.mufg.jp/div1//corporation/v1/accounts/3dc3d5b39f5400a64e80f"
            },
          }
      },
      "balances":
      {
        "balanceAmount":
          {
            "currency":"EUR",
            "amount":123456.78
          }
          "balanceType":"interimAvailable",
          "referenceDate":"2018-12-31"
      }
    }
```


1.5.8 Creation of Consent

- URI

  POST https://api.bk.mufg.jp/div1/corporation/v1/consents

- Summary

  Creates end user's consent resource.

- Description

  (1) Settlement account

  Settlement account must be registered under GCMS Plus.

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
PSU-IP-Address	String	M	Not	The forwarded IP Address

			allowed	header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which

				is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Request Body

Attribute	Type	Digit	Condition	Null value	Description
recurringIndicator	Boolean	4-4	M	Not allowed	true, if the consent is for recurring access to the account data false, if the consent is for one access to the account data Fixed as "true" by MUFG
validUntil	String	10-10	M	Not allowed	This parameter is requesting a valid until date for the requested consent. The content is the local ASPSP date in

					ISODate Format, e.g. 2017-10-30. If a maximal available date is requested, a date in far future is to be used: "9999-12-31". The consent object to be retrieved by the GET Consent Request will contain the adjusted date. Fixed as "9999-12-31" by MUFG
frequencyPerDay	Integer	1-3	M	Not allowed	This field indicates the requested maximum frequency for an access per day. For a one-off access, this attribute is set to "1". Set this field to “4”.
combinedServiceIndicator	Boolean	5-5	M	Not allowed	Whether to use consent in creation of payment or not. Fixed as "false"
access			M	Not allowed	
accounts			(*1)	(*2)	Account details
iban	String	1-34	M	(*2)	iban or bban must be set.
bban	String	1-35			
currency	String	3-3	C	(*2)	This field must be set when iban is set.
balances			(*1)	(*2)	Balance inquiry
iban	String	1-34	M	(*2)	iban or bban must be set.
bban	String	1-35			
currency	String	3-3	C	(*2)	This field must be set when iban is set.
transactions			(*1)	(*2)	Inquiry of Transaction History
iban	String	1-34	M	(*2)	iban or bban must be

	bban	String	1-35			set.
	currency	String	3-3	C	(*2)	This field must be set when iban is set.
available Accounts		String	11-11	(*1)	(*2)	Target accounts (for specifying all) "allAccounts"
available Accounts WithBalance		String	11-11	(*1)	(*2)	Target accounts (for specifying all) "allAccounts"
allPsd2		String	11-11	(*1)	(*2)	Target accounts (for specifying all PSD2) "allAccounts"

(*1) Field setting (△: Optional, ×: Not allowed)

Fields to be set / Fields that have been set	accounts	balances	transactions	availableAccounts	availableAccountsWithBalance	allPsd2
accounts	×	△	△	×	×	×
balances	△	×	△	×	×	×
transactions	△	△	×	×	×	×
availableAccounts	×	×	×	×	×	×
availableAccountsWithBalance	×	×	×	×	×	×
allPsd2	×	×	×	×	×	×

(*2) Do not set key/value if no value is set.
"Key":Null is not allowed.

- Response Code (normal case)
  The HTTP response code equals 201.
  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
Location	String	None	Location of the created resource.

			"https://api.bk.mufg.jp/div1/corporation/v1/consents/AIS+YYMM+NNNNNNN" format
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned. Header
ASPSP-SCA-Approach	String	None	Possible values are: • EMBEDDED • DECOUPLED • REDIRECT OAuth will be subsumed by the constant value REDIRECT Fixed as "REDIRECT"
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

➢ Response Body

Attribute	Type	Digit	Returning Null data	Description
consentId	String	14-14	None	Identification of the consent resource as it is used in the API structure Consent ID
consentStatus	String	8-8	None	authentication status of the consent "received"
_links	String		None	A list of hyperlinks to be recognised by the TPP. Type of links admitted in this response (which might be extended by single ASPSPs as indicated in its XS2A documentation):
scaOAuth			None	Link to the Issuance of Authorization Code API
href	String	1-512	None	"https://e.ebusiness.bk.mufg.

					jp/pfa2/oo01/open_cert/authorize/"
status				None	Cannot be executed because the URI to be returned is not an available API.
	href	String	1-512	None	https://api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}/status
token				None	Link to the Issuance of Access Token API
	href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation1/v1/oauth2/token"

- Request and response example

[Request]

```
(URI)   POST https://api.bk.mufg.jp/div1/corporation/v1/consents
(HTT    content-type: application/json
P       X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Head    PSU-IP-Address: 192.168.8.78
er)     PSU-IP-Port: 80
        PSU-Accept: application/json
        PSU-Accept-Charset: utf8
        PSU-Accept-Encoding: utf8
        PSU-Accept-Language: en
        PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
        PSU-Http-Method: POST
        PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
        PSU-Geo-Location: GEO:52.506931;13.144558
        Date: Mon, 31 Dec 2018 15:02:37 GMT
        X-Client-Certificate: -----BEGIN
        CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
        cygdI48kElOz4-----END CERTIFICATE-----
(HTT    {
P         "access":
Body)     {
            "acounts":"
            [
              {
                "iban":"3301EUR10000001",
```

```
            "currency":"EUR"
          },
          {
            "iban":"BE64ABCDEF05",
            "currency":"GBP"
          },
          {
            "bban":"3354CZKCUA800001"
          }
        ],
      "balances":"
       [
          {
            "iban":"3301EUR10000001",
            "currency":"EUR"
          },
          {
            "iban":"BE64ABCDEF05",
            "currency":"GBP"
          },
          {
            "bban":"3354CZKCUA800001"
          }
       ],
      "transactions":"
       [
          {
            "iban":"3301EUR10000001",
            "currency":"EUR"
          },
          {
            "iban":"BE64ABCDEF05",
            "currency":"GBP"
          },
          {
            "bban":"3354CZKCUA800001"
          }
       ]
      }
```

```
    "recurringIndicator":true,
    "combinedServiceIndicator":false,
    "validUntil":"9999-12-31",
    "frequencyPerDay": 1
  }
```

[Response]

```
(HTTP Header)   HTTP/1.1 201 Created
                Location: https://www.testbank.com/psd2/
                v1/consents/1234-wertiq-983
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                ASPSP-SCA-Approach: REDIRECT
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "consentStatus":"received",
                  "consentId":"AIS19020001234"
                  "_links":
                  {
                    "scaOAuth":
                    {
                      "href": "
                          https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authori
                          ze/"
                    },
                    "status":
                    {
                      "href":"https://api.bk.mufg.jp/div1/corporation/v1/consents /
                         AIS19020001234/status"
                    },
                    "token":
                    {
                      "href": "
                         https://api.bk.mufg.jp/div1/corporation1/v1/oauth2/token "
                    }
                  }
                }
```

1.5.9 Inquiry of Consent Information

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}

- Summary

  Returns consent information.

  consentId is used as the key to perform inquiry, which has been returned from API upon POST /consent. This API's endpoint is set to the Location field that in the response information for POST / Consents. Add the following Path Parameters, Request Header information to the endpoint and execute it.

- Description

  (1) Consents that can be inquired about

  Consents to be inquired about must be obtained in advance. Statuses are as follows.

Status	Description
received	The consent data have been received and are technically correct. The data is not authorised yet. - POST /Consent request has been received by GCMS Plus, and ConsentID has been generated
Valid	The consent is accepted and valid for GET account data calls and others as specified in the consent object. - POST /Consent has been executed, but ConsentID has not been generated yet
revokedByPsu	The consent has been revoked by the PSU towards the ASPSP. - Another new consent has been created by the same PSU, and the old consent has been revoked
terminatedByTpp	The corresponding TPP has terminated the consent by applying the DELETE method to the consent resource. - DELETE /consent has been executed, and the consent has been terminated

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
consentId	String	M	Not allowed	ID of the corresponding consent object as returned by an Account Information Consent Request Consent ID obtained via POST /v1/consents

➢ Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based SCA was performed in the corresponding consent transaction or if OAuth2 has been used in a pre-step.
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request

				between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

(*2) Required only for Test Facility

- Response Code (normal case)
  The HTTP response code equals 200.

*See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning Null data	Description
recurringIndicator	String	4-4	None	Recurring access
validUntil	String	10-10	None	Consent expiration date
frequencyPerDay	Integer	1-3	None	Number of accesses per day
lastActionDate	String	10-10	None	This date is containing the date of the last action on the consent object either through the XS2A interface or the PSU/ASPSP interface having an impact on the status.
consentStatus	String	5-12	None	The status of the consent resource.
access			None	Accounts to be inquired about (Recurringly returns for the number of consented accounts/privileges)
accounts			(*1)	
iban	String	1-34	(*1)	IBAN
bban	String	1-35	(*1)	Account number
currency	String	3-3	(*1)	Currency code
balances			(*1)	
iban	String	1-34	(*1)	IBAN
bban	String	1-35	(*1)	Account number
currency	String	3-3	(*1)	Currency code

	transactions				(*1)	
		iban	String	1-34	(*1)	IBAN
		bban	String	1-35	(*1)	Account number
		currency	String	3-3	(*1)	Currency code

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Request and response example

[Request]

(URI) GET https://api.bk.mufg.jp/div1/corporation/v1/consetns/AIS19020001234

(HTTP Header)
X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Authorization: 391c7ead8849eca2ad-99ddcb1f7721
PSU-IP-Address: 192.168.8.78
PSU-IP-Port: 80
PSU-Accept: application/json
PSU-Accept-Charset: utf8
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kEIOz4-----END CERTIFICATE-----

[Response]

(HTTP Header) HTTP/1.1 200 OK
X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Content-Type: application/json
Date: Mon, 31 Dec 2018 15:02:37 GMT

(HTTP Body)
```
{
  "recurringIndicator":true,
  "validUntil":"9999-12-31",
  "frequencyPerDay": 4,
  "lastActionDate":"2018-12-31T12:34:56:000Z",
  "consentStatus":"valid",
  "access":
```

```
{
  "acounts":"
  [
    {
      "iban":"BE64ABCDEF05",
      "bban":"BE64ABCDEF4ABCDEF 05",
      "currency":"GBP"
    },
    {
      "bban":"3354CZKCUA800001",
      "currency":"EUR"
    }
  ],
  "balances":"
  [
    {
      "iban":"BE64ABCDEF05",
      "bban":"BE64ABCDEF4ABCDEF 05",
      "currency":"GBP"
    },
    {
      "bban":"3354CZKCUA800001",
      "currency":"EUR"
    }
  ],
  "transactions":"
    [
    {
      "iban":"BE64ABCDEF05",
      "bban":"BE64ABCDEF4ABCDEF 05",
      "currency":"GBP"
    },
    {
      "bban":"3354CZKCUA800001",
      "currency":"EUR"
    }
  ]
 }
}
```

1.5.10 Deletion of Consent

- URI

  DELETE https://api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}

- Summary

  Deletes consent.

  consentId is used to perform deletion, which has been returned from API upon POST /consent.

- Description

  (1) Consents that can be deleted

  Consents to be deleted must be obtained in advance.

  Deleted consent status will be "terminatedByTpp".

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
consentId	String	M	Not allowed	Contains the resource-ID of the consent to be deleted. Consent ID obtained via POST /v1/consents

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based SCA was performed in the corresponding consent transaction or if OAuth2 has been used in a pre-step.
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP.

				If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used
PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant

				application installation. In case of installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.
(*2) Required only for Test Facility

- Response Code (normal case)
  The HTTP response code equals 204.
  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
Content-Type	String	None	Fixed as "application/json"
Date	Date	None	Format as per RFC1123

- Request and response example
  [Request]

```
(URI)   DELETE https://api.bk.mufg.jp/div1/corporation/v1/consetns/AIS19020001234
(HTT    X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
```

P	Authorization: 391c7ead8849eca2ad-99ddcb1f7721
Head	PSU-IP-Address: 192.168.8.78
er)	PSU-IP-Port: 80
	PSU-Accept: application/json
	PSU-Accept-Charset: utf8
	PSU-Accept-Encoding: utf8
	PSU-Accept-Language: en
	PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
	PSU-Http-Method: POST
	PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
	PSU-Geo-Location: GEO:52.506931;13.144558
	Date: Mon, 31 Dec 2018 15:02:37 GMT
	X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
	X-Client-Certificate: -----BEGIN
	CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
	cygdI48kEIOz4-----END CERTIFICATE-----

[Response]

(HTTP Header)	HTTP/1.1 204 No Content
	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
	Content-Type: application/json
	Date: Mon, 31 Dec 2018 15:02:37 GMT

1.5.11 Confirmation of funds availability

- URI

  POST https://api.bk.mufg.jp/div1/corporation/v1/funds-confirmations

- Summary

  Checks whether a specific amount is available on a designated account And returns a Yes(true) / No(false) answer..

- Description

  (1) Determination of funds availability

  Availability of funds is determined whether a designated account has sufficient amount of balance compared to the specified amount in the request data.

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
Content-Type	String	M	Not	Fixed as "application/json"

			allowed	
X-Request-ID	UUID	M	Not allowed	ID of the request, unique to the call, as determined by the initiating party.
Authorization	String	M	Not allowed	Is contained only, if an OAuth2 based authentication was performed in a pre-step or an OAuth2 based SCA was performed in the related consent authorization.
Consent-ID	String	C	XXXX	Shall be contained since "Establish Consent Transaction" was performed via this API before. "FCS"+YYMM+NNNNNNN format
PSU-IP-Address	String	M	Not allowed	The forwarded IP Address header field consists of the corresponding HTTP request IP Address field between PSU and TPP. If not available, the TPP shall use the IP Address used by the TPP when submitting this request.
PSU-IP-Port	String	M	Not allowed	The forwarded IP Port header field consists of the corresponding HTTP request IP Port field between PSU and TPP, if available.
PSU-Accept	String	M	Not allowed	The forwarded IP Accept header fields consist of the corresponding HTTP request Accept header fields between PSU and TPP, if available.
PSU-Accept-Charset	String	M	Not allowed	Character set that can be used
PSU-Accept-Encoding	String	M	Not allowed	Encoding format that can be used

PSU-Accept-Language	String	M	Not allowed	Language code that can be used
PSU-User-Agent	String	M	Not allowed	The forwarded Agent header field of the HTTP request between PSU and TPP, if available.
PSU-Http-Method	String	M	Not allowed	HTTP method used at the PSU – TPP interface, if available. Valid values are: • GET • POST • PUT • PATCH • DELETE
PSU-Device-ID	String	M	Not allowed	UUID (Universally Unique Identifier) for a device, which is used by the PSU, if available. UUID identifies either a device or a device dependant application installation. In case of installation identification this ID need to be unaltered until removal from device.
PSU-Geo-Location	Geo Location	M	Not allowed	The forwarded Geo Location of the corresponding HTTP request between PSU and TPP if available.
Date	Date	O	(*1)	Format as per RFC1123
X-IBM-Client-Id	-	(*2)	(*2)	Set the client ID of the registered application.
X-Client-Certificate	-	(*2)	(*2)	Set the client certificate registered as per 5.2.8 "Registration of client certificate".

(*1) Do not set key/value if no value is set.

"Key":Null is not allowed.

(*2) Required only for Test Facility

- Request Body M:Mandatory, O:Optional, C:Conditional

Attribute		Type	Digit	Condition	Null value	Description
account				M	Not allowed	PSU's account number.
	iban	String	1-34	M	(*1)	iban or bban must be set.
	bban	String	1-35			
	currency	String	3-3	C	(*1)	This field must be set when iban is set.
instructedAmount				M	Not allowed	Transaction amount to be checked within the funds check mechanism.
	currency	String	3-3	M	Not allowed	
	amount	String	1-14	M	Not allowed	

(*1) Do not set key/value if no value is set.
"Key":Null is not allowed.

- Response Code (normal case)
The HTTP response code equals 200.
*See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

Attribute	Type	Returning Null data	Description
Content-Type	String	None	Fixed as "application/json"
X-Request-ID	UUID	None	ID of the request, unique to the call, as determined by the initiating party. *Same value set in the “X-Request-ID” field in Request Header will be returned.
Date	Date	None	Format as per RFC1123

- Response Body

Attribute	Type	Digit	Returning	Description

			Null data	
fundsAvailable	String	4-5	None	true or false

- Request and response example

[Request]

(URI) POST https://api.bk.mufg.jp/div1/corporation/v1/funds-confirmations

(HTTP Header)
content-type: application/json
X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
Authorization: 391c7ead8849eca2ad-99ddcb1f7721
Consent-ID: FCS19020001234
PSU-IP-Address: 192.168.8.78
PSU-IP-Port: 80
PSU-Accept: application/json
PSU-Accept-Charset: utf8
PSU-Accept-Encoding: utf8
PSU-Accept-Language: en
PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
PSU-Http-Method: POST
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbtcygdI48kElOz4-----END CERTIFICATE-----

(HTTP Body)

```
{
  " account":
  {
    "iban":"3301EUR10000001",
  },
  "instructedAmount":
  {
    "currency":"EUR",
    "amount":"132456.789"
  }
}
```

[Response]

(HTTP Header) HTTP/1.1 200 OK
Content-Type: application/json

	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Date: Mon, 31 Dec 2018 15:02:37 GMT

(HTTP Body)	{
	"fundsAvailable":true
	}

1.5.12 Creation of Consent(FCS)

- URI

  POST https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds

- Summary

  Creates end user's consent resource (FCS service).

- Description

  (1) Settlement account

  Settlement account must be registered under GCMS Plus.

- Request Header

  Same as Request Header in 1.5.8 "Creation of Consent ".

- Request Body

Attribute		Type	Digit	Condition	Null value	Description
account				M	Not allowed	
	iban	String	1-34	M	(*2)	iban or bban must be set.
	bban	String	1-35			
	currency	String	3-3	C	(*2)	This field must be set when iban is set.

(*2) Do not set key/value if no value is set.

"Key":Null is not allowed.

- Response Code (normal case)

  The HTTP response code equals 201.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

  Same as Response Header in 1.5.8 "Creation of Consent ".

- Response Body

Attribute	Type	Digit	Returning Null data	Description
consentId	String	14-14	None	Identification of the consent resource as it is used in the API structure Consent ID
consentStatus	String	8-8	None	authentication status of the consent "received"
_links	String		None	A list of hyperlinks to be recognised by the TPP. Type of links admitted in this response (which might be extended by single ASPSPs as indicated in its XS2A documentation):
scaOAuth			None	Link to the Issuance of Authorization Code API
href	String	1-512	None	"https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authorize/"
status			None	Cannot be executed because the URI to be returned is not an available API.
href	String	1-512	None	https://api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}/status
token			None	Link to the Issuance of Access Token API
href	String	1-512	None	"https://api.bk.mufg.jp/div1/corporation3/v1/oauth2/token"

- Request and response example

[Request]

(URI)	POST https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds
(HTTP Header)	content-type: application/json X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 PSU-IP-Address: 192.168.8.78 PSU-IP-Port: 80

```
        PSU-Accept: application/json
        PSU-Accept-Charset: utf8
        PSU-Accept-Encoding: utf8
        PSU-Accept-Language: en
        PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
        PSU-Http-Method: POST
        PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
        PSU-Geo-Location: GEO:52.506931;13.144558
        Date: Mon, 31 Dec 2018 15:02:37 GMT
        X-Client-Certificate: -----BEGIN
        CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
        cygdI48kElOz4-----END CERTIFICATE-----
(HTT    {
P         "acounts":"
Body)       {
              "iban":"3301EUR10000001",
              "currency":"EUR"
            },
        }
```

[Response]

```
(HTTP           HTTP/1.1 201 Created
Header)
                Location: https://www.testbank.com/psd2/
                v1/consents/1234-wertiq-983
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                ASPSP-SCA-Approach: REDIRECT
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "consentStatus":"received",
                  "consentId":"FCS19020001234"
                  "_links":
                  {
                    "scaOAuth":
                    {
                      "href": "
                          https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authori
                          ze/"
```

```
                    },
                    "status":
                    {
                      "href":"https://api.bk.mufg.jp/div1/corporation/v1/consents /
                         AIS19020001234/status"
                    },
                    "token":
                    {
                      "href": "
                         https://api.bk.mufg.jp/div1/corporation3/v1/oauth2/token "
                    }
                   }
                 }
```

1.5.13 Inquiry of Consent Information(FCS)

- URI

  GET https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/{consentId}

- Summary

  Returns consent information (FCS service).

  consentId is used as the key to perform inquiry, which has been returned from API upon POST /consent. This API's endpoint is set to the Location field that in the response information for POST / v2/consents/confirmation-of-funds. Add the following Path Parameters, Request Header information to the endpoint and execute it.

- Description

  (1) Consents that can be inquired about

  Same as (1) Consents that can be inquired about in 1.5.9 "Inquiry of Consent Information".

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
consentId	String	M	Not allowed	ID of the corresponding consent object as returned by an Account Information Consent Request Consent ID obtained via POST /v2/consents/confirmation-of-funds

- Request Header

  Same as Request Header in 1.5.9 " Inquiry of Consent Information".

- Response Code (normal case)

  The HTTP response code equals 200.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

  Same as Response Header in 1.5.9 " Inquiry of Consent Information".

- Response Body

Attribute	Type	Digit	Returning Null data	Description
consentStatus	String	5-12	None	The status of the consent resource.
account			None	Accounts to be inquired about (Recurringly returns for the number of consented accounts/privileges)
iban	String	1-34	(*1)	IBAN
bban	String	1-35	(*1)	Account number
currency	String	3-3	(*1)	Currency code

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Request and response example

[Request]

```
(URI)   GET
        https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/FCS19020001234
(HTT    X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
P       Authorization: 391c7ead8849eca2ad-99ddcb1f7721
Head    PSU-IP-Address: 192.168.8.78
er)     PSU-IP-Port: 80
        PSU-Accept: application/json
        PSU-Accept-Charset: utf8
        PSU-Accept-Encoding: utf8
        PSU-Accept-Language: en
        PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0
        PSU-Http-Method: POST
```

```
PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
PSU-Geo-Location: GEO:52.506931;13.144558
Date: Mon, 31 Dec 2018 15:02:37 GMT
X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d
X-Client-Certificate: -----BEGIN
CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdlISwxb8ioIHHTANBgkqhkiG9w9g0EhQbt
cygdI48kElOz4-----END CERTIFICATE-----
```

[Response]

```
(HTTP Header)   HTTP/1.1 200 OK
                X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721
                Content-Type: application/json
                Date: Mon, 31 Dec 2018 15:02:37 GMT
(HTTP Body)     {
                  "account":"
                  {
                    "iban":"BE64ABCDEF05",
                    "bban":"BE64ABCDEF4ABCDEF 05",
                    "currency":"GBP"
                  },
                  "consentStatus":"valid"
                }
```

1.5.14 Deletion of Consent(FCS)

- URI

  DELETE https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/{consentId}

- Summary

  Deletes consent (FCS service).

  consentId is used to perform deletion, which has been returned from API upon POST v2/consents/confirmation-of-funds.

- Description

  (1) Consents that can be deleted

  Consents to be deleted must be obtained in advance.

  Deleted consent status will be "terminatedByTpp".

- Path Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
consentId	String	M	Not allowed	Contains the resource-ID of the consent to be deleted. Consent ID obtained via POST /v2/consents/confirmation-of-funds

- Request Header

  Same as Request Header in 1.5.10 " Deletion of Consent".

- Response Code (normal case)

  The HTTP response code equals 204.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Header

  Same as Response Header in 1.5.10 " Deletion of Consent".

- Request and response example

  [Request]

(URI)	DELETE https://api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/FCS19020001234
(HTTP Header)	X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Authorization: 391c7ead8849eca2ad-99ddcb1f7721 PSU-IP-Address: 192.168.8.78 PSU-IP-Port: 80 PSU-Accept: application/json PSU-Accept-Charset: utf8 PSU-Accept-Encoding: utf8 PSU-Accept-Language: en PSU-User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:54.0) Gecko/20100101 Firefox/54.0 PSU-Http-Method: POST PSU-Device-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 PSU-Geo-Location: GEO:52.506931;13.144558 Date: Mon, 31 Dec 2018 15:02:37 GMT X-IBM-Client-Id: b9d7f877-e16f-41aa-a573-f900b8bef32d X-Client-Certificate: -----BEGIN CERTIFICATE-----MIIG5jCCBc6gAwIBAgIQDJv5JFRMdllSwxb8ioIHHTANBgkqhkiG9w9g0EhQbt

cygdI48kElOz4-----END CERTIFICATE-----

[Response]

(HTTP Header)	HTTP/1.1 204 No Content X-Request-ID: 99391c7e-ad88-49ec-a2ad-99ddcb1f7721 Content-Type: application/json Date: Mon, 31 Dec 2018 15:02:37 GMT

1.5.15 Issuance of Authorization Code

- URI (Redirects to the authentication screen)
  https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authorize/?{query-parameters}

- Summary
  Returns a redirect message to the authentication screen (COMSUITE API Service login screen) to customer's browser, and then an authorization code will be received.
  If processing is aborted and an authorization code is not issued (in cases such as PSU rejecting to give consent, an error occurs, etc.), please start again from POST payments.

- Description
  (1) Returning from MUFG → TPP
  Responding to POST Payments or POST Consents, returns the redirect destination of the authentication screen (COMSUITE API Service login screen) to issue an access token via OAuth2.0. The redirect destination information is set to the _links scaOauth href field.
  (2) Redirecting from TPP → PSU
  Add Query Parameters information to the redirect destination information returned from MUFG, and return the 302 redirect message to the customer's browser.

- Query Parameters (Request) M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
response_type	-	M	Not allowed	Fixed as "code"
client_id	-	M	Not allowed	organizationIdentifier as provided in the eIDAS and OBWAC certificate. The organizationIdentifier attribute shall contain information using the following structure in the presented order: - "PSD" as 3 character legal

				person identity type reference; - 2 character ISO 3166 country code representing the NCA country; - hyphen-minus "-" and - 2-8 character NCA identifier (A-Z uppercase only, no separator) - hyphen-minus "-" and - PSP identifier (authorization number as specified by NCA). E.g.) PSDES-BDE-3DFD21 client_id must be encoded since the following characters may be included. space " ", hyphen-minus "-", colon ":", underscore "_", period ".", slash "/"
scope	-	M	Not allowed	Set the following values. ("AIS:"or"PIS:" or"FCS:" + ID) "PIS:payment ID" "AIS:consentID" "FCS:consentID"
state	-	M	Not allowed	A dynamical value set by the TPP and used to prevent XSRF attacks.
redirect_uri	-	M	Not allowed	the URI of the TPP where the OAuth2 server is redirecting the PSU after the authentication.
code_challenge	-	M	Not allowed	PKCE challenge according to cryptographic RFC 7636 (https://tools.ietf.org/html/rfc7636) used to prevent code

				injection attacks.
code_challenge_method	-	M	Not allowed	Fixed as "S256"

(*) Required only for Test Facility

- Response Code (normal case)

  The HTTP response code equals 302.

  *Error screen is displayed for PSU in case of error.

  See the list of error codes for details.

- Query Parameters (Response)

Attribute	Type	Returning Null data	Description
Location	-	None	redirect URI of the TPP [Redirect URI]?code=[Authorization code]&state=[State]
code	-	None	Authorization code
state	-	None	Same value as for the request.

- Request and response example

  [Request]

  In case of PIS

```
URI  GET https://e.ebusiness.bk.mufg.jp/pfa2/oo01/open_cert/authorize/?
     response_type=code&client_id=PSDES-BDE-3DFD21
     &scope=PIS:PIS19020004220&state=S8NJ7uqk5fY4EjNvP_G_FtyJu6pUsvH9jsYni9dMAJw&re
     direct_uri=https%3A%2F%2Fclient%2Eexample%2Ecom%2Fcb
     &code_challenge=5c305578f8f19b2dcdb6c3c955c0aa709782590b4642eb890b97e43917cd0f36
     &code_challenge_method=S256
```

  [Response]

```
HTTP/1.1 302 Found
Location:
https://client.example.com/cb?code=SplxlOBeZQQYbYS6WxSbIA&state=S8NJ7uqk5fY4EjNvP_G_FtyJ
u6pUsvH9jsYni9dMAJw
```

1.5.16 Issuance of Access Token

- URI

  For PIS POST https://api.bk.mufg.jp/div1/corporation2/v1/oauth2/token

  For AIS POST https://api.bk.mufg.jp/div1/corporation1/v1/oauth2/token

For FCS POST https://api.bk.mufg.jp/div1/corporation3/v1/oauth2/token

- Summary

  Issues an access token.

- Description

  Issues an access token for a designated authorization code.
  MUFG's OAuth2.0 does not support refresh of access tokens.
  When the access token expires, error No.12 or No.13 listed in 6.1 "List of error codes (Validation/system error)" will be returned. In such case, please see 1.5.12 "Issuance of Authorization Code" and 1.5.13 "Issuance of Access Token" to re-issue the access token.
  Validity period of access tokens differs depending on the course used.
  PIS: 30 days, AIS: 90 days, FCS: 732 days

- Request Parameters M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
grant_type	-	M	Not allowed	"authorisationCode" is recommended as response type. Fixed as "authorization_code"
client_id	-	M	Not allowed	cp.1.5.12
Code	-	M	Not allowed	Authorization code from the authorization response
redirect_uri	-	M	Not allowed	The exact uri of the TPP where the OAuth2 server redirected the user agent to for this particular transaction
code_verifier	-	M	Not allowed	PKCE verifier according to cryptographic RFC 7636 (https://tools.ietf.org/html/rfc7636) used to prevent code injection attacks.

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Null value	Description
Content-Type	String	M	Not allowed	Fixed as "application/x-www-form-urlencoded"

- Response Code (normal case)

  The HTTP response code equals 201.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

- Response Parameters

Attribute	Type	Returning Null data	Description
access_token	-	None	Access Token bound to the scope as requested in the authorization request and confirmed by the PSU.
token_type	-	None	Set to "Bearer"
expires_in	-	None	The lifetime of the access token in seconds
scope	-	None	the scope of the access token

- Request and response example

  In case of PIS

  [Request]

```
URI (HTTP Header)   POST https://api.bk.mufg.jp/div1/corporation2/v1/oauth2/token
                    Content-Type: application/x-www-form-urlencoded
(HTTP Body)         grant_type=authorization_code&client_id=PSDES-BDE-3DFD21&code=SplxlOBeZQQYbYS6WxSbIA&redirect_uri=https://api.testbank.com&code_verifier=7814hj4hjai87qqhjz9hahdeu9qu771367647864676787878
```

  [Response]

```
(HTTP Header)   HTTP/1.1 201 OK
(HTTP Body)     {
                    "token_type": "bearer",
                    "access_token":
                "AAIkYjZTE2Zi00MWFkwMGI4YmVmMqWpCcS3CWGwzWgEdm46n7DMYhxoJRahxC-JR7w-srBDGAdwxCKci7mqvEb98uMuB6ZNCWn8Zfi4W5QZbtH8TFYoTtHF2KQ",
```

```
    "expires_in": 7776000,
    "scope": "gcms:PIS"
}
```


1.5.17 Response object (error case)

- Response Code

  The HTTP response code equals 400~599.

- Response Header

Attribute	Type	Returning Null data	Description
X-Request-ID	UUID	(*1)	Request ID determined by TPP, which is unique to each call See the list of error codes for details.
Date	Date	(*1)	On every call, the request time stamp is included in the mandatory HTTP header "Date". See the list of error codes for details.

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

- Response Body

Attribute	Type	Returning Null data	Description
httpCode		(*1)	Same value as the http status code See the list of error codes for details.
httpMessage		(*1)	Character string of the http status code See the list of error codes for details.
moreInformation		(*1)	Detailed message for TPP See the list of error codes for details.
transactionStatus		(*1)	Payment request See the list of error codes for details.
tppMessage		(*1)	Message informing TPP of operational problems.

category	String	(*1)	Error category See the list of error codes for details.
code	String	(*1)	Error code See the list of error codes for details.
text	String	(*1)	Detailed message See the list of error codes for details.

(*1) Neither the key nor value is returned if there is no data to be returned for the field.

1.6 Service hours

- Production environment

  MUFG's Production Environment is available 24 hours a day except for the following regular maintenance window;

Service suspension period
Saturday 22:00 (JST) ~ Monday 02:00 (JST) every week

- Test Facility

  Test Facility can be used 24 hours a day regardless weekdays or weekend. Note that the Test Facility may be unavailable without pre-notice due to any urgent maintenance.

- Availability SLO (Service Level Objective): 99.0%

1.7 Notes for development

- Privileges

  API availability of each user differs depending on their privilege as set via GCMS Plus.

  The following shows the availability patterns under each GCMS Plus privilege. If the user chooses the [MYS] available hours, availability also depends on execution time.

POST /payments/{payment-product}

		Available account (Clearing) information	
Privilege in G+		Yes	No
Apply New privilege	Yes	○	×
	No	×	×

GET /payments/{payment-product}/{paymentId}/status

Privilege in G+		Available account (Inquiry) information	
		Yes	No
Service inquiry privilege	Yes	○	×
	No	×	×

GET /accounts

Privilege in G+		Consent obtainment status of the account		
		Obtained for accounts	Obtained for balances	Obtained for transactions
Account Report	Yes	○	○	○
	No	×	×	×

GET /accounts/{account-id}/balances

Privilege in G+		Consent obtainment status of the account		
		Obtained for accounts	Obtained for balances	Obtained for transactions
Account Report	Yes	×	○	×
	No	×	×	×

GET /accounts/{account-id}/transactions

Privilege in G+		Consent obtainment status of the account		
		Obtained for accounts	Obtained for balances	Obtained for transactions
Account Report	Yes	×	×	○
	No	×	×	×

2. Operating environment

The API standard of GCMS Plus complies with Berlin Group. Also, certificates used for APIs comply with eIDAS and OBWAC.

OS and browser depend on the support environment of GCMS Plus.

Berlin Group : https://www.berlin-group.org/
eIDAS : https://www.eid.as/home/
GCMS Plus : https://www.bk.mufg.jp/ebusiness/e/gplus/environment_otp.html

3. Connection method

3.1 Processing method

This section describes notes for development, such as processing methods when calling API.

3.1.1 General information of APIs

- Implementation of OAuth2.0
  MUFG's OAuth2.0 API complies with the RFC6749 rules/Berlin Group. See 6. "List of error codes" for API check specifications, etc.

- Invalidation conditions for access tokens
  AIS: 90 days and PIS: 30 days are set as the validity period for access tokens.
  However, even within the validity period, re-registration may be required depending on the customer's status. Also expired access tokens will be invalidated. MUFG does not support refresh tokens, so re-authentication is required by customers upon invalidation.
  See 6. "List of error codes" for error details upon invalidation.

- Functions for access token invalidation and release of invalidation
  As TPP, please develop system functions (token invalidation, etc.) and prepare to respond to customers' requests to suspend usage, terminate usage, and release suspension of COMSUITE API Service.

3.2 Others

3.2.1 Volume limit

- There is a limit on the number of API calls per unit hour per TPP (client ID).
- The number of API calls is counted per requested API.
- If the volume limit is exceeded, it is responded with error details.
- Basically, the limit is 2 calls/s (per API).
  (E.g.) Three API requests for balance inquiries in a second → Up to two are accepted, and the third is responded to with an error.
  Two API requests for balance inquiry and one API request for transaction inquiry in a second → All are accepted because each number of requests is within the limit per API.
- Separate from the volume limit per TPP, there is another limit on the number of calls that can be accepted simultaneously by MUFG. When the limit is exceeded (busy status), all TPPs are responded with an error of limit excess.
- If a volume excess error (HTTP status 429 or 430) is received, TPP should control the volume to ensure a sufficient interval until the next request.
- TPP needs to adequately schedule evening batches so as not to reach the limit on the number of API

calls.

3.2.2 Behavior in case of error

Behavior for returning MUFG's API errors complies with Berlin Group 1.3. See 6. "List of error codes" for error details.

3.2.3 Questions about APIs

Submit questions to the contact at MUFG as per the guidance of the COMSUITE API Portal.

4. On Boarding Process

See COMSUITE API Portal "Getting started" page.

5. Test Facility

5.1 Test Facility

MUFG's API is made available individually for the COMSUITE API Portal user ID that is provided to MUFG.

5.1.1 Functions to be provided

Test Facility is comprised of "Mockup API" to simulate the production environment APIs and "Debug Tool Kit" to drop test data.

- Mockup API

  Each API is simulated based on dummy data.
  Differences from the production environment APIs are described below.

  POST /v1/payments/{payment-product}
  Statuses after submission cannot be updated by requests.
  (because no subsequent functions after payment (approval/rejection function on G+) are provided.)

  POST /v1/ bulk-payments/{payment-product}
  A normal response returns response data of fixed values.

  GET /v1/payments/{payment-product}/{paymentId}/status
  Statuses and error information that never occur in the Test Facility (e.g. transactionStatus is ACSP) are stored in dummy data. To obtain this information, set paymentId of each dummy data in your request data.
  See 5.2.2 "List of dummy data" for details.

  GET /v1/ bulk-payments /{payment-product}/{paymentId}/status
  A normal response returns response data of fixed values.

GET /v1/accounts?{query-parameters}

GET /v1/accounts/{account-id}/balances

GET /v1/accounts/{account-id}/transactions?{query-parameters}

The above API is no different from the API specifications of Production Environment.

POST /v1/consents

POST /v2/consents/confirmation-of-funds

Statuses after submission cannot be updated by above requests.

(because data required for updating the status (e.g. PSU user information) is not held.)

GET /v1/consents/{consentId}

GET /v2/consents/confirmation-of-funds/{consentId}

For the above API, statuses that never occur in the Test Facility (e.g. consentStatus is revokedByPsu) are stored in dummy data. To obtain this information, set consentId of each dummy data in your request data. See 5.2.2 "List of dummy data" for details.

DELETE /v1/consents/{consentId}

DELETE /v2/consents/confirmation-of-funds/{consentId}

For the above API, registered information is not updated, and actual deletion (change of consentStatus to terminatedByTpp) is not performed. Based on request information, it only determines whether the consent can be deleted or not.

POST /v1/funds-confirmations

The above API is no different from the API specifications of Production Environment.

GET /authorize

For the above API, the same customer authentication as Production Environment does not exist, and a static customer authentication screen is generated.

POST /token

In the above API, access tokens never expire.

- Debug Tool Kit

  Error Registration Tool

  Forcedly instructs the specified API to return error response. See I/F definition in 5.2.3 "Error Registration Tool" for debug tool specifications.

5.1.2 Service hours

Test Facility can be used 24 hours a day regardless weekdays or weekends.

(It may be suspended without prior notification due to maintenance, etc.)

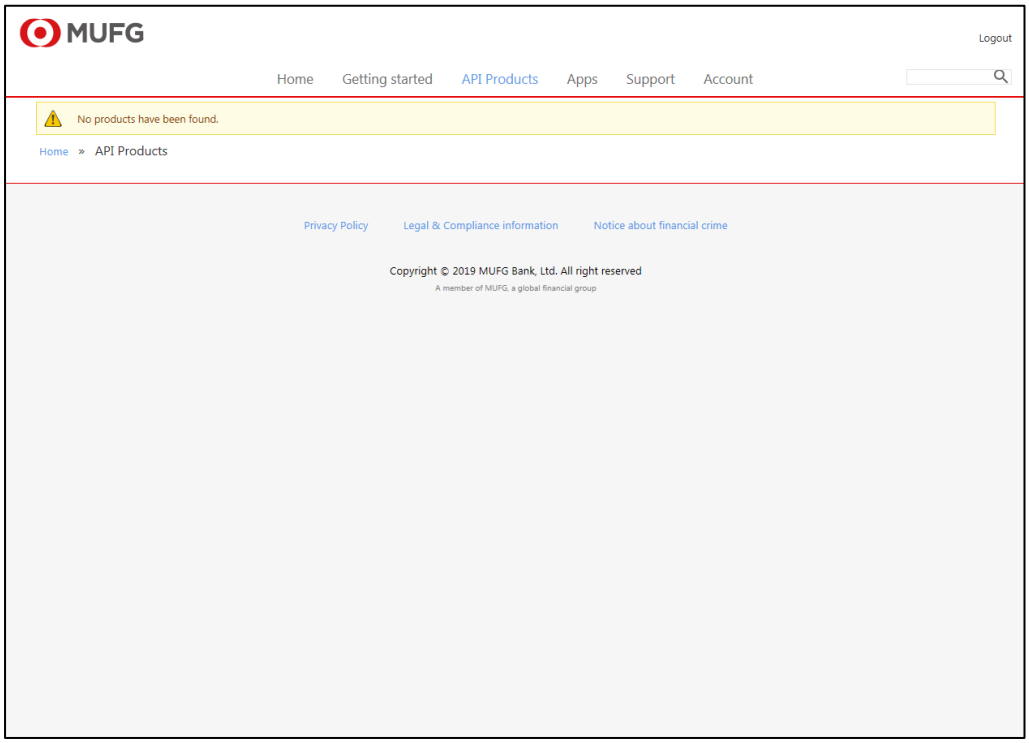
5.1.3 Test method

- Starting test

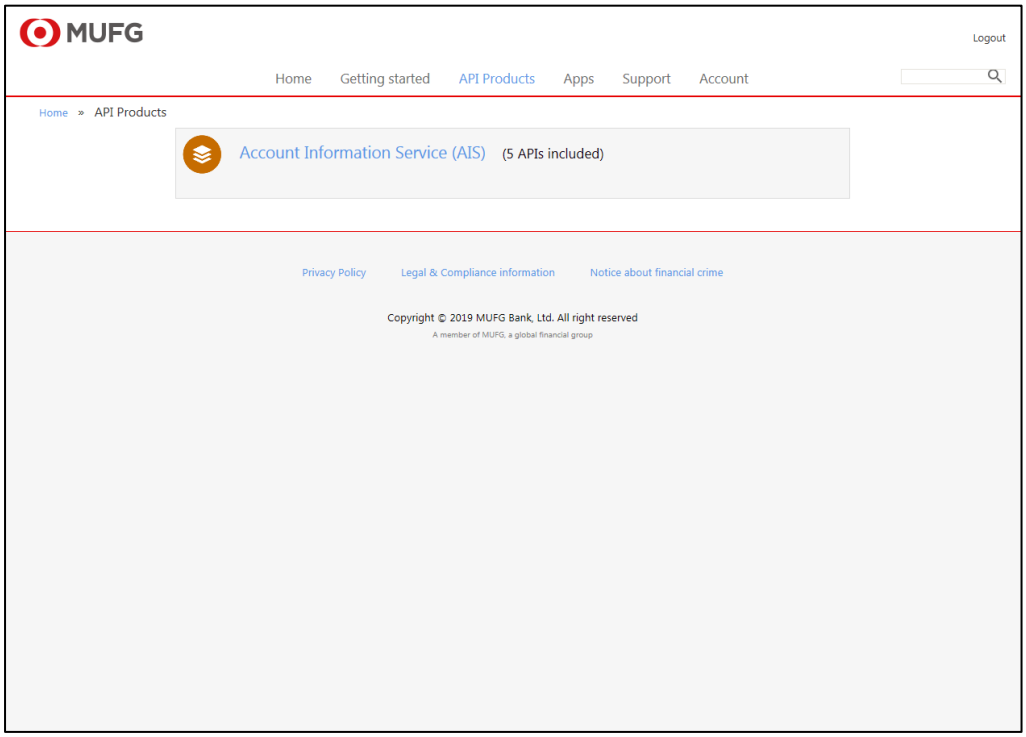
  Please go through the following procedure to perform tests.

  (1) Test Facility is opened upon application for use.

  E.g.) Before application



  E.g.) After application



Please confirm that the number of selected API products is increased.

(2) After informed by MUFG that Test Facility is available, select a course to be used respectively for AIS, PIS, or FCS from the above screen, and subscribe for a client ID for testing.

(3) Perform test to check variations in the test data and error occurrence status. Use Error Registration Tool from the debug tool as needed.

➢ Volume limit

The API volume limit for Test Facility is 2 calls/s (per API).

5.2 Functions to be provided

5.2.1 I/F definition of Test Facility

Other than URI are same as the production environment APIs. See the list of endpoints in the table below and 1.5 "API I/F definition" for details.

List of endpoints for Test Facility

Product name	API name	API endpoints
Payment Initiation Service	payments1	POST https://developer1.api.bk.mufg.jp/div1/corporation/v1/payments/{payment-product}
	bulk-payments1	POST

(PIS)		https://developer1.api.bk.mufg.jp/div1/corporation/v1/bulk-payments/{payment-product}
	payments2	GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/payments/{payment-product}/{paymentId}/status
	bulk-payments2	GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/bulk-payments/{payment-product}/{paymentId}/status
	authorizations2	GET https://developer1.api.bk.mufg.jp/div1/corporation2/v1/oauth2/authorize?{query-parameters}
		POST https://developer1.api.bk.mufg.jp/div1/corporation2/v1/oauth2/token
Account Information Service (AIS)	consents1	POST https://developer1.api.bk.mufg.jp/div1/corporation/v1/consents
	consents2	GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}
		DELETE https://developer1.api.bk.mufg.jp/div1/corporation/v1/consents/{consentId}
	accounts	GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/accounts
		GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/balances
		GET https://developer1.api.bk.mufg.jp/div1/corporation/v1/accounts/{account-id}/transactions?{query-parameters}
	authorizations1	GET https://developer1.api.bk.mufg.jp/div1/corporation1/v1/oauth2/authorize?{query-parameters}
		POST https://developer1.api.bk.mufg.jp/div1/corporation1/v1/oauth2/token
Fund Confirmation Service(FCS)	funds-confirmations1	POST https://developer1.api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds
	funds-confirmations2	POST https://developer1.api.bk.mufg.jp/div1/corporation/v1/funds-confirmations
		GET https://developer1.api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/{consentId}
		DELETE https://developer1.api.bk.mufg.jp/div1/corporation/v2/consents/confirmation-of-funds/{consentId}
	authorizations3	GET https://developer1.api.bk.mufg.jp/div1/corporation3/v2/oauth2/authorize
		POST https://developer1.api.bk.mufg.jp/div1/corporation3/v1/oauth2/token

5.2.2 List of dummy data

Please see “List_of_dummy_data” in the same zip file.

5.2.3 I/F definitions of Error Registration Tool

Error Registration Tool simulates error patterns that cannot occur with Mockup API. Executing the API after execution of Error Registration Tool enables error response to be received. Once an error occurs, registered error information is erased, and hereafter, normal response is received for API execution.

- URI

  POST https://developer1.api.bk.mufg.jp/ div1/corporation/debugtoolkit/v1/mockerrorset

- Summary

  Registers error (output) details and outputs them upon execution of API.

- Description

  Outputs specified error information in accordance with requested conditions.

  One error (output) can be registered per API. If multiple errors are registered for one API, the error information registered last is output.

  (1) Error types that can be registered

  See the list of available error codes for errors that can be registered.

  (2) Error information designation method

  Specify the target API for which the error is to be generated in the apiCode field of the Request Body, and the error code of the error to be generated in the errorCode field.

  See the following Request Body for details.

  (3) Error information deletion method

  Specify "99"(DELETE_ALL) in the apiCode field to delete all registered error information. Returns the number of deleted errors as response information.

- Request Header M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Description
X-IBM-Client-Id	String	M	ID that identifies TPP E.g.:1dee5142-8590-4c92-ae57-d4325d797daf

- Request Body M:Mandatory, O:Optional, C:Conditional

Attribute	Type	Condition	Description
apiCode	String	M	API for which the error is to be generated 01:POST_/payments/{payment-product}

			02:GET_/payments/{payment-product}/{paymentId}/status 03:GET_/accounts 04:GET_/accounts/{account-id}/balances 05:GET_/accounts/{account-id}/transactions 06:POST_/consents 07:GET_/consents/{consentId} 08:DELETE_/consents/{consentId} 09:GET_/authorize 10:POST_/token 12:POST_/bulk-payments/{payment-product} 13:GET_/bulk-payments/{payment-product}/{paymentId}/status 15:POST _/v2/consents/confirmation-of-funds 16:GET _/v2/consents/confirmation-of-funds/{consentId} 17:DELETE _/v2/consents/confirmation-of-funds/{consentId} 18:POST_/v1/funds-confirmations 99:DELETE_ALL *Error in case code does not exist.
errorCode	String	C	Error code of the error to be generated Field setting is not required when 99:DELETE_ALL is specified for apiCode. See the list of available error codes

- Response Code (normal case)

  The HTTP response code equals 200.

  *See 1.5.17 "Response object (error case)" for responses in case of error.

Response Body (when apiCode of Request Body is "01" ~ "10","12" ~ "18")

Attribute	Description
apiCode	API for which error is to be generated E.g.:"06"
errorCode	Error code to be generated E.g.:"DBG0000001"

Response Body (when apiCode of Request Body is "99")

Attribute	Description
count	Number of errors deleted E.g.:"3"

- Request and response example

E.g.: When registering error of API code = "06"(POST_consents), Error code = DBG0000001

[Request]

(HTTP Header)	X-IBM-client-id: 8b0df53b-b46d-4d4c-bf13-373a3b114d98 content-type:application/json

(HTTP Body)	{
	apiCode:"06 ",
	errorCode:"DBG0000001"
	}

[Response]

(HTTP Header)	HTTP/1.1 200 OK Content-Type: application/json Date: Thu, 24 Nov 2016 07:53:20 GMT

(HTTP Body)	{
	"apiCode":"06",
	"errorCode":"DBG0000001"
	}

5.2.4 List of errors of Error Registration Tool

List of errors (Validation / System error)

errorCode	Response Information			
	HTTP Status	Body		
		httpCode	httpMessage	moreInformation
OA00000001	404	404	Not Found	Incorrect URI. Please verify URI and try again.
OA00000002	404	404	Not Found	No resources match requested URI
OA00000003	500	500	Internal Server Error	Invalid JSON format
OA00000004	422	422	Invalid	Validate REST: [JSV0001] Invalid value type 'string'.
OA00000005	401	401	Unauthorized	Client id not registered.
OA00000006	401	401	Unauthorized	Client id in wrong location.

OA00000007	401	401	Unauthorized	Client id in wrong location.
OA00000008	401	401	Unauthorized	invalid_client: client_id unauthorized
OA00000009	500	500	Internal Server Error	Please verify Digital Certificate and try again. Please contact your servicing MUFG Bank office for further assistance.
OA00000010	401	401	Unauthorized	This server could not verify that you are authorized to access the URL
OA00000011	401	401	Unauthorized	invalid_grant: token revoked by resource owner
OA00000012	401	401	Unauthorized	Not registered to plan
OA00000013	401	401	Unauthorized	unauthorized: Application is suspended
OA00000014	401	401	Unauthorized	Application is not active.
OA00000015	401	401	Unauthorized	invalid_url: token revoked
OA00000016	403	403	Forbidden	Access to resource denied due to mismatching client_id
OA00000017	400	400	Processed	unsupported_grant_type
OA00000018	400	400	Processed	invalid_grant
OA00000019	503	503	Service Unavailable	Out of service hours.
OA00000020	429	429	Too Many Requests	Rate Limit exceeded
OA00000021	430	430	Transaction Limit Exceeded	Please try again after a while or contact your servicing MUFG Bank office for further assistance.
OA00000022	500	500	Internal Server Error	Internal server error occurred. Please contact your servicing MUFG Bank office.
OA00000023	500	500	Internal Server Error	Failed to establish a backside connection
OA00000024	403	403	Forbidden	invalid_scope: did not match the requested resource: [¥"corporation:transfer¥"] *The scope name that was missing is to be entered into the corporation:transfer portion.
OA00000025	400	400	Processed	invalid_request
OA00000026	500	500	Internal Server Error	Invalid JSON property value
OA00000027	500	500	Internal Server Error	Convert HTTP produced invalid XML: illegal character xxxxx (xxxxx depends on the error details. Different error may also be possible.)
OA00000028	400	400	Bad Request	The body of the request, which was expected to be JSON, was invalid, and could not be decoded. The array syntax was invalid.
OA00000052	401	401	Unauthorized	Application is not active.
OA00000061	403	403	Forbidden	invalid_scope: did not match the requested resource: xxxxxxx
OA00000063	405	405	Method Not Allowed	The method is not allowed for the requested URL

errorCode	Response Information

	HTTP Status	Body			
		status	message	code	developer_message
OA00000029	503	503	Service Unavailable	E001	Incorrect URI. Please verify URI and try again.
OA00000030	404	404	Not Found	E003	Incorrect URI. Please verify URI and try again.
OA00000031	400	400	Bad Request	E004	Content-Type is missing in HTTP Header.
OA00000032	400	400	Bad Request	E004	Content-Type is wrong in HTTP Header.
OA00000033	500	500	Internal Server Error	E000	Please verify Digital Certificate and try again. Please contact your servicing MUFG Bank office for further assistance.
OA00000034	503	503	Service Unavailable	E001	Out of service hours.
OA00000035	430	430	Transaction Limit Exceeded	E002	Please try again after a while or contact your servicing MUFG Bank office for further assistance.
OA00000036	500	500	Internal Server Error	E000	Internal server error occurred. Please contact your servicing MUFG Bank office.
OA00000038	503	503	Service Unavailable	E005	Internal server error occurred. Please contact your servicing MUFG Bank office.
OA00000043	400	400	Bad Request	E006	Query parameteris wrong.
OA00000044	400	400	Bad Request	E004	HTTP Header is incorrect.

errorCode	Response Information		
	HTTP Status	Body	
		error	error_description
OA00000045	400	invalid_grant	(no field)
OA00000046	400	unknown	(no field)
OA00000047	400	unknown	(no field)
OA00000048	401	invalid_client	client_id unauthorized
OA00000049	401	unauthorized	(no field)
OA00000050	401	unauthorized	Application is suspended

List of errors (business error)

errorCode	Response Information						
	HTTP Status	Header		body			
		X-Request-ID	Date	transaction status	tppMessage		
					category	code	text
IQ000000	500	ID of	Execu	(no field)	ERROR	SYSTEM_ER	[E90001] This service is not available at this time. Please try again

01		each request	tion time			ROR	after a while. If this error message is repeatedly displayed, please contact your servicing MUFG Bank office for further assistance.
IQ000000 03	429	ID of each request	Execu tion time	(no field)	ERROR	ACCESS_EX CEEDED	[E20044] Maximum 500 inquiries can be displayed per day.
IQ000000 04	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20057] There is no user ID to display.
IQ000000 05	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20058] You do not have the privilege for this operation.
IQ000000 06	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20051] There is no account to display or you do not have the privilege for this operation.
IQ000000 07	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20049] The selected account is not an "Account Permitted" for inquiry or has been deleted.
IQ000000 08	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20052] There is no account to display.
IQ000000 12	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20048] The number of results has exceeded 500 the maximum number of results that can be displayed.
IQ000000 13	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20054] There is no data to display. Please contact your servicing MUFG Bank office for further assistance.
IQ000000 25	400	ID of each request	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20056] There is no transaction to display. Please contact your servicing MUFG Bank office for further assistance.

IQ000000 26	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20059] There is no transaction to display. Please change the criteria and search again.
IQ000000 27	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E20053] There is no account to display. Please change the criteria and search again.
CM000000 06	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E10139] The information set contains accounts outside of Europe.
CM000000 07	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E10136] There is no consent data or consent data has been deleted.
CM000000 18	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E10130] Account information cannot be obtained.
CM000000 26	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E10134] The user ID is suspended or locked. Please check the user ID and password and try again.
TR000000 08	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E38007] There is no "debtorAccount" to display.
TR000000 09	400	ID of each reque st	Execu tion time	(no field)	ERROR	SERVICE_IN VALID	[E38006] There is no instruction to display.
TR000000 15	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34654] There is no settlement account to display.
TR000000 16	200	ID of each reque	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34700] You do not have access privilege to apply instructions with Confidential setting. Please contact your administrator.

		st					
TR000000 17	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34656] "debtorAccount" has been deleted, or your access privilege to the "debtorAccount" has been removed.
TR000000 18	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34701] "paymentInformationId" contains characters which are not supported by SWIFT.
TR000000 19	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34702] A slash (/) is included at the beginning or end of "paymentInformationId",or a double slash (//) is included in "paymentInformationId".
TR000000 20	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34658] The amount must be greater than 0.
TR000000 21	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34014] Integer of Amount must be within 9 digits.
TR000000 22	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34015] Decimal of Amount must be within 2 digits.
TR000000 23	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34703] "creditorAccount" does not comply with IBAN requirements.
TR000000 24	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34660] "endToEndIdentification" contains characters which are not supported by SWIFT.
TR000000 25	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34704] A slash (/) is included at the beginning or end of "endToEndIdentification",or a double slash (//) is included in "endToEndIdentification".
TR000000 26	200	ID of each	Execu tion	(no field)	ERROR	BUSINESS_ ERROR	[E34705] "creditorName" contains characters which cannot be used in SEPA.

		request	time				
TR00000029	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34708] "ultimateCreditor" contains characters which cannot be used in SEPA.
TR00000030	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34709] "remittanceInformationUnstructured" contains characters which cannot be used in SEPA.
TR00000031	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34710] "regulatoryReporting" contains characters which cannot be used in SEPA.
TR00000032	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34711] The currency set in "instructedAmount" is incorrect or unavailable.
TR00000035	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34714] "remittanceInformationUnstructured" and "remittanceInformationStructured" cannot be set at once.
TR00000036	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34715] "creditorAgent" must be set when a debtor bank or a creditor bank is located in non-EU/EEA countries.
TR00000037	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34716] The format of "remittanceInformationStructured" to creditor is incorrect.
TR00000038	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34717] "creditorAgent" is invalid. (Alphabets must be in capital letters).
TR00000039	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34718] "creditorAgent" is invalid.
TR000000	200	ID of	Execu	(no field)	ERROR	BUSINESS_	[E34720] "creditorAgent" must be 8 or 11 characters long.

41		each request	tion time			ERROR	
TR00000044	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34677] Please register the exchange rate for the specified currency.
TR00000045	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E00328] This transaction data cannot be applied since the amount exceeds the limit amount.
TR00000046	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E00329] There is no user to approve. Please check the access privilege.
TR00000048	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34678] "requestedExecutionDate" must not be in the past.
TR00000049	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34679] "requestedExecutionDate" must be within 30 days from today.
TR00000050	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34680] "requestedExecutionDate" must be a business day of currency.
TR00000051	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E34681] "requestedExecutionDate" must be a business day of the settlement account office.
TR00000052	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E30042] Specified currency is not available.
TR00000053	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E30002] It is over the cutoff time for specified Remittance Currency. Please change the date.

TR000000 60	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34136] The account set in Settlement Account No. is incorrect, or you have no access privilege.
TR000000 61	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34722] Confidential and ServiceLevel cannot be specified at once.
TR000000 62	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34685] "serviceLevel" must not be specified for this debtor account office.
TR000000 65	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34016] Integer of Amount must be within 13 digits.
TR000000 68	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34689] "creditorAccount" contains characters which are not supported by SWIFT.
TR000000 69	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34690] "creditorName" contains characters which cannot be used in SWIFT.
TR000000 70	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34724] "creditorAddress1" contains characters which are not supported by SWIFT.
TR000000 71	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34725] "creditorAddress2" contains characters which are not supported by SWIFT.
TR000000 72	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34726] "creditorAddress3" contains characters which are not supported by SWIFT.
TR000000 73	200	ID of each reque	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34727] "remittanceInformationUnstructured" contains characters which are not supported by SWIFT.

		st					
TR000000 77	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34731] The format of "creditorAccount" is incorrect.
TR000000 81	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34107] Confidential cannot be specified when there is only 1 transaction.
TR000000 89	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34679] "requestedExecutionDate" must be within 365 days from today.
TR000000 90	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E34699] "requestedExecutionDate" must be a business day of the debtor account office.
TR000000 94	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E36189] Payment Information ID contains characters which cannot be used in UK Low Value Payment.
TR000000 95	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E36172] Please set a 6-digit sort code of "creditorAgentClearingSystemMemberId".
TR000000 96	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E36190] "creditorAccount" must be 8 digits.
TR000000 97	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E36191] The currency of "instructedAmount" must be "GBP".
TR000000 99	200	ID of each reque st	Execu tion time	(no field)	ERROR	BUSINESS_ ERROR	[E36176] Integer of amount must be within 9 digits for this debtor account office.
TR000001 01	200	ID of each	Execu tion	(no field)	ERROR	BUSINESS_ ERROR	[E36192] "creditorName" contains characters which cannot be used in UK Low Value Payment.

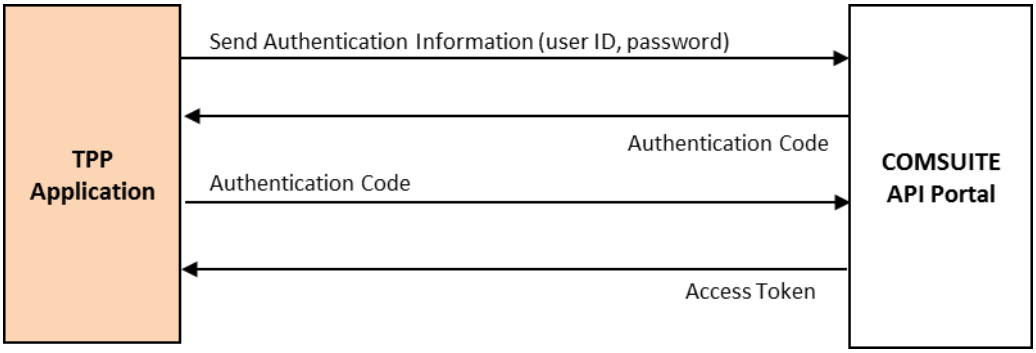
		request	time				
TR00000102	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E36194] "creditorAccount" contains characters which cannot be used in UK Low Value Payment.
TR00000103	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E36195] "remittanceInformationUnstructured" contains characters which cannot be used in UK Low Value Payment.
TR00000104	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E36090] Total Amount must be larger than 0.
TR00000105	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E36042] Integer of Total Amount must be within 13 digits.
TR00000106	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E36043] Decimal of Total Amount must be within 2 digits.
TR00000111	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E33569] "paymentType" is incorrect.
TR00000113	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E33605] "regulatoryReportingInformationToCreditorAgent" must be set for the specified country of creditorAgentAddress.
TR00000114	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E33606] The currency of "debtorAccount" must be the same as currency when "rateType" is "NOEX".
TR00000115	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E33607] The currency of "debtorAccount" must be different from currency when "rateType" is "SPOT".
TR000001	200	ID of	Execu	(no field)	ERROR	BUSINESS_	[E33608] The currency of "debtorAccount" must be different from

16		each request	tion time			ERROR	currency when "rateType" is "AGRD".
TR00000117	200	ID of each request	Execution time	(no field)	ERROR	BUSINESS_ERROR	[E33609] The currency of "debtorAccount" must be different from currency when "rateType" is "SALE".

5.2.5 Overview of Test Facility authentication method and API call

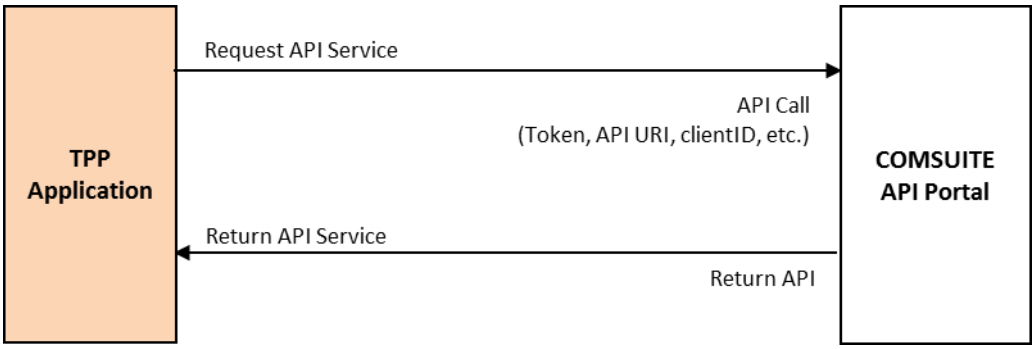
- Mechanism of authentication/authorization

  Authentication and authorization processes when Test Facility is used are as follows.



- Mechanism for API call

  The process when Test Facility is used is as follows. (It is assumed that authentication/authorization is done and tokens are issued for the process.)

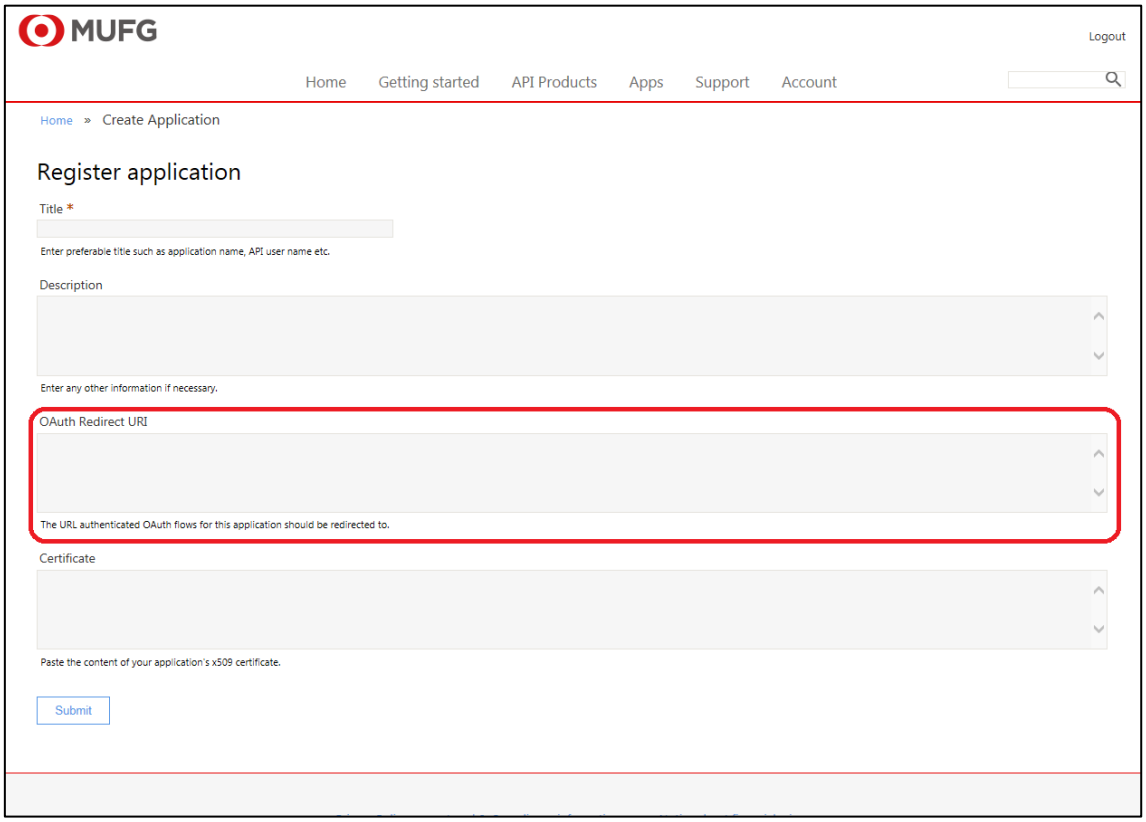


5.2.6 Lifecycle of access tokens

Tokens never expire. Before checking behavior upon token invalidation, make the invalidated state with the Debug Tool Kit (Error Registration Tool).

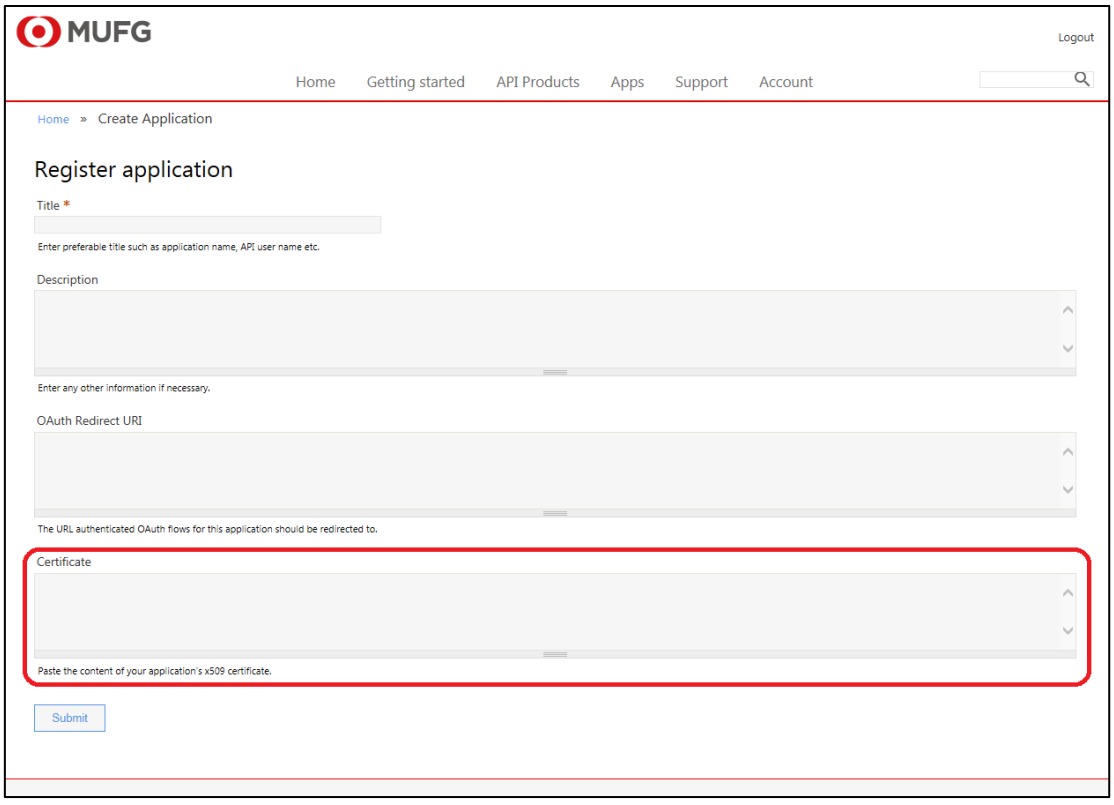
5.2.7 Setting of redirect URI

Set redirect URI from the API key issuance registration screen or the registered API key editing screen of the API developer portal. Input redirect URI used for your company's test in the "OAuth Redirect URI" field on these screens.



5.2.8 Registration of client certificates

Set client certificate information from the API key issuance registration screen or the registered API key editing screen of the API developer portal. Input and register client certificates to be used for your company's test in the "Certificate" field on these screens.



6. List of error codes

6.1 List of error codes (Validation/system error)

#	API (*)	Response information				Cause	Solution
		HTTP status	body				
			httpCode	httpMessage	moreInformation		
1	01 ~ 16	404	404	Not Found	No resources match requested URI	URL error (2): API URL does not exist in the organization or catalog. /Organization name/[catalog name/]corporation/v1/accounts/{account_id}/VV	TPP corrects the setting of the destination URL at the time of API call.
2	01 ~ 16	500	500	Internal Server Error	Invalid JSON format	Http body error (1): Not correct as JSON	TPP corrects the transmission message.
3	01 ~ 16	422	422	Invalid	Validate REST: [JSV0001] Invalid value type 'string'.	Http body error (2): Not the JSON defined as IF	TPP corrects the transmission message.
4	01 ~ 16	401	401	Unauthorized	Client id not registered.	client_id value is not correct.	TPP corrects the transmission message.
5	02 ~ 05 07	401	401	Unauthorized	This server could not verify that you are authorized to access the URL	access_token is incorrect or expired.	TPP corrects the transmission message, or re-executes after re-obtaining access token.

	08 12 13 15 16						
6	02 ~ 05 07 08 12 13 15 16	401	401	Unauthorized	invalid_grant: token revoked by resource owner	access_token is invalidated.	TPP asks PSU to re-obtain authorization code.
7	01 ~ 16	401	401	Unauthorized	Not registered to plan	Application non-registration check (Error when API is called with an unsubscribed client ID.)	Performs registration if unintentionally unregistered.
8	01 ~ 16	401	401	Unauthorized	invalid_url: token revoked	Could not connect to invalidated URL endpoint.	TPP corrects the transmission message.
9	02 ~ 05	403	403	Forbidden	Access to resource denied due to mismatching client_id	A client_id that differs from the client_id when the access_token was issued, is specified.	TPP corrects the transmission message.

	07 08 12 13 15 16						
10	01 ~ 16	405	405	Method Not Allowed	The method is not allowed for the requested URL	API URL exists, but an operation that supports the request does not exist. (POST is sent for URL of GET.)	TPP corrects the transmission message.
11	01 ~ 16	429	429	Too Many Requests	Rate Limit exceeded	Volume control error (throughput limit)	Should be used within the volume limit.
12	02 ~ 05 07 08 12 13 15 16	403	403	Forbidden	invalid_scope: did not match the requested resource: [¥"corporation:transfer¥"] *The scope name that was missing is to be entered into the corporation:transfer portion.	Call for an operation API that is not included in the scope of the access token that has been obtained.	TPP specifies the appropriate scope's token.
13	01 ~	500	500	Internal Server Error	Invalid JSON property value	Character string is used in the numeric value field within the JSON data	TPP corrects the transmission message.

	16						
14	01 ~ 16	500	500	Internal Server Error	Convert HTTP produced invalid XML: illegal character xxxxx (xxxxx depends on the error details. Different error may also be possible.)	Characters that cannot be processed are included in the JSON data	TPP corrects the transmission message.
15	01 06 11 13 14	400	400	Bad Request	The body of the request, which was expected to be JSON, was invalid, and could not be decoded. The object syntax was invalid.	Request information is not JSON format (The incorrect section is the object field)	TPP corrects the transmission message.
16	01 06 11 13 14	400	400	Bad Request	The body of the request, which was expected to be JSON, was invalid, and could not be decoded. The array syntax was invalid.	Request information is not JSON format (The incorrect section is the array field)	TPP corrects the transmission message.
17	01 06 11 13 14	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0001] Invalid value type {$0}. {$0}: Mismatched request field type (String, integer, etc.)	Fields other than the I/F definition are included	Notify PSU of the validation error.
18	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'requestedExecutionDate' is missing.	requestedExecutionDate does not exist	Notify PSU of the validation error.

19	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]{4}-[0-1][0-9]-([0-2][0-9]\|3[0-1])$'. {$0}: Input value for requestedExecutionDate	Format of requestedExecutionDate is not YYYY-MM-DD	Notify PSU of the validation error.
20	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'paymentType' is missing.	paymentType does not exist	Notify PSU of the validation error.
21	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of paymentType is other than '1' , '2' or '3'	Notify PSU of the validation error.
22	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of serviceLevel is other than '0' or '1'	Notify PSU of the validation error.
23	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'debtorAccount' is missing.	debtorAccount does not exist	Notify PSU of the validation error.
24	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'bban' is missing.	bban of debtorAccount does not exist	Notify PSU of the validation error.
25	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}).	Number of characters in bban of debtorAccount < 1	Notify PSU of the validation error.

					{$0}: Number of characters in bban of debtorAccount		
26	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of debtorAccount	Number of characters in bban of debtorAccount > 35	Notify PSU of the validation error.
27	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of debtorAccount	Text other than single-byte alphanumeric characters is included in bban of debtorAccount	Notify PSU of the validation error.
28	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount < 3	Notify PSU of the validation error.
29	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount > 3	Notify PSU of the validation error.
30	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not	Text other than single-byte alphabet is included in currency of debtorAccount	Notify PSU of the validation error.

					match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of debtorAccount		
31	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'instructedAmount' is missing.	instructedAmount does not exist	Notify PSU of the validation error.
32	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'currency' is missing.	currency of instructedAmount does not exist	Notify PSU of the validation error.
34	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is < 3	Notify PSU of the validation error.
35	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is > 3	Notify PSU of the validation error.
36	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'currency' is missing.	amount of instructedAmount does not exist	Notify PSU of the validation error.
37	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1:	Number of characters in amount of	Notify PSU of the validation error.

	01-5				[JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in amount of instructedAmount	instructedAmount < 1	
38	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 19 (got {$0}). {$0}: Number of characters in amount of instructedAmount	Number of characters in amount of instructedAmount > 19	Notify PSU of the validation error.
39	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([1-9][0-9]*\|0)(\|¥.[0-9]*[1-9])$'. {$0}: Input value for currency of instructedAmount	Text other than single-byte numbers is included in amount of instructedAmount	Notify PSU of the validation error.
40	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'rateType' is missing.	rateType does not exist	Notify PSU of the validation error.
41	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of rateType is other than 'NOEX ', ' SPOT ', or 'CONT'	Notify PSU of the validation error.
42	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length	Number of characters in contractId < 1	Notify PSU of the validation error.

					must be at least 1 (got only {$0}). {$0}: Number of characters in contractId		
43	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 15 (got {$0}). {$0}: Number of characters in contractId	Number of characters in contractId > 15	Notify PSU of the validation error.
44	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for contractId	Text other than single-byte alphanumeric characters/symbols is included in contractId	Notify PSU of the validation error.
45	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in purpose	Number of characters in purpose < 1	Notify PSU of the validation error.
46	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 22 (got {$0}). {$0}: Number of characters in purpose	Number of characters in purpose > 22	Notify PSU of the validation error.
47	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern	Text other than single-byte alphanumeric characters/symbols is included in purpose	Notify PSU of the validation error.

					'^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for purpose		
48	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification < 1	Notify PSU of the validation error.
49	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification > 16	Notify PSU of the validation error.
50	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$. {$0}: Input value for endToEndIdentification	Text other than single-byte alphanumeric characters/symbols is included in endToEndIdentification	Notify PSU of the validation error.
51	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorName' is missing.	creditorName does not exist	Notify PSU of the validation error.
52	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1:	Number of characters in creditorName < 1	Notify PSU of the validation error.

	01-5				[JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorName		
53	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName > 70	Notify PSU of the validation error.
54	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for creditorName	Text other than single-byte alphanumeric characters/symbols is included in creditorName	Notify PSU of the validation error.
55	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 < 1	Notify PSU of the validation error.
56	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 > 70	Notify PSU of the validation error.

57	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for creditorAddress1	Text other than single-byte alphanumeric characters/symbols is included in creditorAddress1	Notify PSU of the validation error.
58	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 < 1	Notify PSU of the validation error.
59	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 > 2	Notify PSU of the validation error.
60	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for creditorAddress2	Text other than single-byte alphabet is included in creditorAddress2	Notify PSU of the validation error.
61	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAgentOption' is missing.	creditorAgentOption does not exist	Notify PSU of the validation error.

62	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of creditorAgentOption is other than 'A ', ' C ', or 'D'	Notify PSU of the validation error.
62-1	01-1 01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAgentName	Number of characters in creditorAgentName < 1	Notify PSU of the validation error.
63	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorAgentName	Number of characters in creditorAgentName > 35	Notify PSU of the validation error.
64	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for creditorAgentName	Text other than single-byte alphanumeric characters/symbols is included in creditorAgentName	Notify PSU of the validation error.
65	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in	Number of characters in creditorAgentBranchNameAddress < 1	Notify PSU of the validation error.

					creditorAgentBranchNameAddress		
66	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorAgentBranchNameAddress	Number of characters in creditorAgentBranchNameAddress > 70	Notify PSU of the validation error.
67	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for creditorAgentBranchNameAddress	Text other than single-byte alphanumeric characters/symbols is included in creditorAgentBranchNameAddress	Notify PSU of the validation error.
68	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 2 (got only {$0}). {$0}: Number of characters in creditorAgentCountry	Number of characters in creditorAgentCountry < 2	Notify PSU of the validation error.
69	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in creditorAgentCountry	Number of characters in creditorAgentCountry > 2	Notify PSU of the validation error.

70	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for creditorAgentCountry	Text other than single-byte alphabet is included in creditorAgentCountry	Notify PSU of the validation error.
71	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: '{$0}' does not match pattern '^[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}$'. {$0}: Input value for creditorAgentBIC	Format of creditorAgentBIC is incorrect	Notify PSU of the validation error.
72	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAgentNationalClearlingCode	Number of characters in creditorAgentNationalClearlingCode < 1	Notify PSU of the validation error.
73	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 33 (got {$0}). {$0}: Number of characters in creditorAgentNationalClearlingCode	Number of characters in creditorAgentNationalClearlingCode > 33	Notify PSU of the validation error.
74	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern	Text other than single-byte alphanumeric characters/symbols is included in creditorAgentNationalClearlingCode	Notify PSU of the validation error.

					'^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for creditorAgentNationalClearlingCode		
75	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAccount' is missing.	creditorAccount does not exist	Notify PSU of the validation error.
76	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of creditorAccount	Number of characters in iban of creditorAccount < 1	Notify PSU of the validation error.
77	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of creditorAccount	Number of characters in iban of creditorAccount > 34	Notify PSU of the validation error.
78	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of creditorAccount	Text other than single-byte alphanumeric characters is included in iban of creditorAccount	Notify PSU of the validation error.
79	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length	Number of characters in bban of creditorAccount < 1	Notify PSU of the validation error.

					must be at least 1 (got only {$0}). {$0}: Number of characters in bban of creditorAccount		
80	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in bban of creditorAccount	Number of characters in bban of creditorAccount > 34	Notify PSU of the validation error.
81	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of creditorAccount	Text other than single-byte alphanumeric characters is included in bban of creditorAccount	Notify PSU of the validation error.
82	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'chargeBearer' is missing.	chargeBearer does not exist	Notify PSU of the validation error.
83	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of chargeBearer is other than 'BEN', 'OUR', or 'SHA'	Notify PSU of the validation error.
84	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of chargeAccount	Number of characters in bban of chargeAccount < 1	Notify PSU of the validation error.

85	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of chargeAccount	Number of characters in bban of chargeAccount > 35	Notify PSU of the validation error.
86	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of chargeAccount	Text other than single-byte alphanumeric characters is included in bban of chargeAccount	Notify PSU of the validation error.
~~87~~	~~01-1~~	~~422~~	~~422~~	~~Invalid~~	~~Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of chargeAccount~~	~~Number of characters in currency of chargeAccount < 3~~	~~Notify PSU of the validation error.~~
~~88~~	~~01-1~~	~~422~~	~~422~~	~~Invalid~~	~~Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of chargeAccount~~	~~Number of characters in currency of chargeAccount > 3~~	~~Notify PSU of the validation error.~~
~~89~~	~~01-1~~	~~422~~	~~422~~	~~Invalid~~	~~Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for chargeAccount~~	~~Text other than single-byte alphabet is included in currency of chargeAccount~~	~~Notify PSU of the validation error.~~

90	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured < 1	Notify PSU of the validation error.
91	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured > 140	Notify PSU of the validation error.
92	01-1 01-5	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$. {$0}: Input value for remittanceInformationUnstructured	Text other than single-byte alphanumeric characters/symbols is included in remittanceInformationUnstructured	Notify PSU of the validation error.
93	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReporting	Number of characters in regulatoryReporting < 1	Notify PSU of the validation error.
94	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1:	Number of characters in regulatoryReporting >	Notify PSU of the validation error.

					[JSV0006] Invalid string: the string maximum length must be at most 105 (got {$0}). {$0}: Number of characters in regulatoryReporting	105	
95	01-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReporting	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReporting	Notify PSU of the validation error.
96	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'requestedExecutionDate' is missing.	requestedExecutionDate does not exist	Notify PSU of the validation error.
97	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]{4}-[0-1][0-9]-([0-2][0-9]|3[0-1])$'. {$0}: Input value for requestedExecutionDate	Format of requestedExecutionDate is not YYYY-MM-DD	Notify PSU of the validation error.
98	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 4 (got only {$0}). {$0}: Number of characters in purposeCode	Number of characters in purposeCode < 4	Notify PSU of the validation error.
99	01-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1:	Number of characters in purposeCode > 4	Notify PSU of the validation error.

	11-1				[JSV0006] Invalid string: the string maximum length must be at most 4 (got {$0}). {$0}: Number of characters in purposeCode		
100	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$'. {$0}: Input value for iban of purposeCode	Text other than single-byte alphanumeric characters is included in purposeCode	Notify PSU of the validation error.
101	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'debtorAccount' is missing.	debtorAccount does not exist	Notify PSU of the validation error.
102	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'iban' is missing.	iban of debtorAccount does not exist	Notify PSU of the validation error.
103	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of debtorAccount	Number of characters in iban of debtorAccount < 1	Notify PSU of the validation error.
104	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum	Number of characters in iban of debtorAccount > 34	Notify PSU of the validation error.

					length must be at most 34 (got {$0}). {$0}: Number of characters in iban of debtorAccount		
105	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of debtorAccount	Text other than single-byte alphanumeric characters is included in iban of debtorAccount	Notify PSU of the validation error.
106	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount < 3	Notify PSU of the validation error.
107	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount > 3	Notify PSU of the validation error.
108	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of debtorAccount	Text other than single-byte alphabet is included in currency of debtorAccount	Notify PSU of the validation error.
109	01-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1:	instructedAmount does not exist	Notify PSU of the validation error.

	11-1				[JSV0002] Invalid object: the property 'instructedAmount' is missing.		
110	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'currency' is missing.	currency of instructedAmount does not exist	Notify PSU of the validation error.
111	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is < 3	Notify PSU of the validation error.
112	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is > 3	Notify PSU of the validation error.
113	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of instructedAmount	Text other than single-byte alphabet is included in currency of instructedAmount	Notify PSU of the validation error.
114	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'amount' is missing.	amount of instructedAmount does not exist	Notify PSU of the validation error.

115	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in amount of instructedAmount	Number of characters in amount of instructedAmount < 1	Notify PSU of the validation error.
116	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 12 (got {$0}). {$0}: Number of characters in amount of instructedAmount	Number of characters in amount of instructedAmount > 12	Notify PSU of the validation error.
117	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([1-9][0-9]*\|0)(\|¥.[0-9]*[1-9])$ '. {$0}: Input value for amount of instructedAmount	Text other than single-byte numbers is included in amount of instructedAmount	Notify PSU of the validation error.
118	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification < 1	Notify PSU of the validation error.
119	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum	Number of characters in endToEndIdentification > 35	Notify PSU of the validation error.

					length must be at most 35 (got {$0}). {$0}: Number of characters in endToEndIdentification		
120	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for endToEndIdentification	Text other than single-byte alphanumeric characters/symbols is included in endToEndIdentification	Notify PSU of the validation error.
121	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorName' is missing.	creditorName does not exist	Notify PSU of the validation error.
122	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName < 1	Notify PSU of the validation error.
123	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName > 70	Notify PSU of the validation error.
124	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '	Text other than acceptable characters is included in creditorName	Notify PSU of the validation error.

					^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$. {$0}: Input value for endToEndIdentification		
125	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: '{$0}' does not match pattern '^[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}$'. {$0}: Input value for creditorAgent	Format of creditorAgent is incorrect	Notify PSU of the validation error.
126	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 < 1	Notify PSU of the validation error.
127	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 > 70	Notify PSU of the validation error.
128	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '	Text other than acceptable characters is included in creditorAddress1	Notify PSU of the validation error.

					^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$'. {$0}: Input value for endToEndIdentification		
129	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 < 1	Notify PSU of the validation error.
130	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 > 70	Notify PSU of the validation error.
131	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$'. {$0}: Input value for endToEndIdentification	Text other than acceptable characters is included in creditorAddress2	Notify PSU of the validation error.
132	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length	Number of characters in creditorAddressCountry < 2	Notify PSU of the validation error.

					must be at least 2 (got only {$0}). {$0}: Number of characters in creditorAddressCountry		
133	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in creditorAddressCountry	Number of characters in creditorAddressCountry > 2	Notify PSU of the validation error.
134	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for creditorAddressCountry	Text other than single-byte alphabet is included in creditorAddressCountry	Notify PSU of the validation error.
135	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAccount' is missing.	creditorAccount does not exist	Notify PSU of the validation error.
136	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'iban' is missing.	iban of creditorAccount does not exist	Notify PSU of the validation error.
137	01-2 11-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of creditorAccount	Number of characters in iban of creditorAccount < 1	Notify PSU of the validation error.

138	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of creditorAccount	Number of characters in iban of creditorAccount > 34	Notify PSU of the validation error.
139	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of creditorAccount	Text other than single-byte alphanumeric characters is included in iban of creditorAccount	Notify PSU of the validation error.
140	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in ultimateCreditor	Number of characters in ultimateCreditor < 1	Notify PSU of the validation error.
141	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in ultimateCreditor	Number of characters in ultimateCreditor > 70	Notify PSU of the validation error.
142	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009	Text other than acceptable characters is included in ultimateCreditor	Notify PSU of the validation error.

					¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$ '. {$0}: Input value for ultimateCreditor		
143	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured < 1	Notify PSU of the validation error.
144	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured > 140	Notify PSU of the validation error.
145	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$ '. {$0}: Input value for remittanceInformationUnstructured	Text other than acceptable characters is included in remittanceInformationUnstructured	Notify PSU of the validation error.
146	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length	Number of characters in remittanceInformationStructured < 1	Notify PSU of the validation error.

					must be at least 1 (got only {$0}). {$0}: Number of characters in remittanceInformationStructured		
147	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 25 (got {$0}). {$0}: Number of characters in remittanceInformationStructured	Number of characters in remittanceInformationStructured > 25	Notify PSU of the validation error.
148	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for remittanceInformationStructured	Text other than single-byte alphanumeric characters/symbols is included in remittanceInformationStructured	Notify PSU of the validation error.
149	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in regulatoryReporting < 1	Notify PSU of the validation error.
150	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}).	Number of characters in regulatoryReporting > 35	Notify PSU of the validation error.

					{$0}: Number of characters in regulatoryReporting		
151	01-211-1	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d¥u0020][^¥u0009¥u000a¥u000d]*[^¥u0020¥u0009¥u000a¥u000d])$ '. {$0}: Input value for regulatoryReporting	Text other than acceptable characters is included in regulatoryReporting	Notify PSU of the validation error.
153	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]{4}-[0-1][0-9]-([0-2][0-9]|3[0-1])$'. {$0}: Input value for requestedExecutionDate	Format of requestedExecutionDate is not YYYY-MM-DD	Notify PSU of the validation error.
154	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of serviceLevel is other than '0' or '1'	Notify PSU of the validation error.
155	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'debtorAccount' is missing.	debtorAccount does not exist	Notify PSU of the validation error.
156	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'bban' is missing.	bban of debtorAccount does not exist	Notify PSU of the validation error.

157	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of debtorAccount	Number of characters in bban of debtorAccount < 1	Notify PSU of the validation error.
158	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of debtorAccount	Number of characters in bban of debtorAccount > 35	Notify PSU of the validation error.
159	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of debtorAccount	Text other than single-byte alphanumeric characters is included in bban of debtorAccount	Notify PSU of the validation error.
160	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount < 3	Notify PSU of the validation error.
161	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of	Number of characters in currency of debtorAccount > 3	Notify PSU of the validation error.

					debtorAccount		
162	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {{$0}: Input value for currency of debtorAccount	Text other than single-byte alphabet is included in currency of debtorAccount	Notify PSU of the validation error.
163	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'instructedAmount' is missing.	instructedAmount does not exist	Notify PSU of the validation error.
164	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'currency' is missing.	currency of instructedAmount does not exist	Notify PSU of the validation error.
165	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is < 3	Notify PSU of the validation error.
166	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount is > 3	Notify PSU of the validation error.
167	01-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1:	Text other than single-byte alphabet is included in	Notify PSU of the validation error.

	11-2				[JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of instructedAmount	currency of instructedAmount	
168	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'amount' is missing.	amount of instructedAmount does not exist	Notify PSU of the validation error.
169	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in amount of instructedAmount < 1	Notify PSU of the validation error.
170	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in amount of instructedAmount > 16	Notify PSU of the validation error.
171	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([1-9][0-9]*\|0)(\|¥.[0-9]*[1-9])$ '. {$0}: Input value for amount of instructedAmount	Text other than single-byte numbers is included in amount of instructedAmount	Notify PSU of the validation error.

172	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification < 1	Notify PSU of the validation error.
173	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification > 16	Notify PSU of the validation error.
174	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for endToEndIdentification	Text other than single-byte alphanumeric characters/symbols is included in endToEndIdentification	Notify PSU of the validation error.
175	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAccount' is missing.	creditorAccount does not exist	Notify PSU of the validation error.
176	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in	Number of characters in creditorAccount < 1	Notify PSU of the validation error.

					creditorAccount		
177	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in creditorAccount	Number of characters in creditorAccount > 34	Notify PSU of the validation error.
178	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for creditorAccount	Text other than single-byte alphanumeric characters/symbols is included in creditorAccount	Notify PSU of the validation error.
179	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorName' is missing.	creditorName does not exist	Notify PSU of the validation error.
180	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName < 1	Notify PSU of the validation error.
181	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName > 35	Notify PSU of the validation error.

182	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u002 0-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for creditorName	Text other than single-byte alphanumeric characters/symbols is included in creditorName	Notify PSU of the validation error.
183	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAddress1' is missing.	creditorAddress1 does not exist	Notify PSU of the validation error.
184	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 < 1	Notify PSU of the validation error.
185	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorAddress1	Number of characters in creditorAddress1 > 35	Notify PSU of the validation error.
186	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u002	Text other than single-byte alphanumeric characters/symbols is included in creditorAddress1	Notify PSU of the validation error.

					0-¥u007e]*[¥u0021-¥u007e])$. {$0}: Input value for creditorAddress1		
187	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 < 1	Notify PSU of the validation error.
188	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorAddress2	Number of characters in creditorAddress2 > 35	Notify PSU of the validation error.
189	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u002 0-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for creditorAddress2	Text other than single-byte alphanumeric characters/symbols is included in creditorAddress2	Notify PSU of the validation error.
190	01-3 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorAddress3	Number of characters in creditorAddress3 < 1	Notify PSU of the validation error.

191	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorAddress3	Number of characters in creditorAddress3 > 35	Notify PSU of the validation error.
192	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for creditorAddress3	Text other than single-byte alphanumeric characters/symbols is included in creditorAddress3	Notify PSU of the validation error.
202	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured < 1	Notify PSU of the validation error.
203	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured > 140	Notify PSU of the validation error.
204	01-311-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not	Text other than single-byte alphanumeric characters/symbols is included in	Notify PSU of the validation error.

					match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for remittanceInformationUnstructured	remittanceInformationUnstructured	
205	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'requestedExecutionDate' is missing.	requestedExecutionDate does not exist	Notify PSU of the validation error.
206	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]{4}-[0-1][0-9]-([0-2][0-9]|3[0-1])$'. {$0}: Input value for requestedExecutionDate	Format of requestedExecutionDate is not YYYY-MM-DD	Notify PSU of the validation error.
207	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'debtorAccount' is missing.	debtorAccount does not exist	Notify PSU of the validation error.
208	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'iban' is missing.	iban of debtorAccount does not exist	Notify PSU of the validation error.
209	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of	Number of characters in iban of debtorAccount < 1	Notify PSU of the validation error.

					debtorAccount		
210	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of debtorAccount	Number of characters in iban of debtorAccount > 34	Notify PSU of the validation error.
211	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of debtorAccount	Text other than single-byte alphanumeric characters is included in iban of debtorAccount	Notify PSU of the validation error.
212	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: debtorAccount の currency の入力桁数	Number of characters in currency of debtorAccount < 3	Notify PSU of the validation error.
213	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of debtorAccount	Number of characters in currency of debtorAccount > 3	Notify PSU of the validation error.
214	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of	Text other than single-byte alphabet is included in currency of debtorAccount	Notify PSU of the validation error.

					debtorAccount		
215	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'instructedAmount' is missing.	instructedAmount does not exist	Notify PSU of the validation error.
216	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'currency' is missing.	currency of instructedAmount does not exist	Notify PSU of the validation error.
217	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount < 3	Notify PSU of the validation error.
218	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount > 3	Notify PSU of the validation error.
219	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: '{$0}' does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of instructedAmount	Text other than single-byte alphabet is included in currency of instructedAmount	Notify PSU of the validation error.
220	01-4	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1:	amount of instructedAmount does not exist	Notify PSU of the validation error.

	11-3				[JSV0002] Invalid object: the property 'amount' is missing.		
221	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in amount of instructedAmount < 3	Notify PSU of the validation error.
222	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 12 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in amount of instructedAmount > 12	Notify PSU of the validation error.
223	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: '{$0}' does not match pattern ' ^([1-9][0-9]*\|0)(\|¥.[0-9]*[1-9])$ '. {$0}: Input value for amount of instructedAmount	Text other than single-byte numbers is included in amount of instructedAmount	Notify PSU of the validation error.
224	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'profileName' is missing.	profileName does not exist	Notify PSU of the validation error.
225	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length	Number of characters in profileName < 1	Notify PSU of the validation error.

					must be at least 1 (got only {$0}). {$0}: Number of characters in profileName		
226	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 20 (got {$0}). {$0}: Number of characters in profileName	Number of characters in profileName > 20	Notify PSU of the validation error.
227	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$. {$0}: Input value for profileName	Text other than single-byte alphanumeric characters/symbols is included in profileName	Notify PSU of the validation error.
228	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorName' is missing.	creditorName does not exist	Notify PSU of the validation error.
229	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName < 1	Notify PSU of the validation error.
230	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 18 (got {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName > 18	Notify PSU of the validation error.

231	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u002 0-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for creditorName	Text other than single-byte alphanumeric characters/symbols is included in creditorName	Notify PSU of the validation error.
232	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAgentClearingSystemMemberId' is missing.	creditorAgentClearingSystemMemberId does not exist	Notify PSU of the validation error.
233	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 6 (got only {$0}). {$0}: Number of characters in creditorAgentClearingSystemMemberId	Number of characters in creditorAgentClearingSystemMemberId < 6	Notify PSU of the validation error.
234	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 6 (got {$0}). {$0}: Number of characters in creditorAgentClearingSystemMemberId	Number of characters in creditorAgentClearingSystemMemberId > 6	Notify PSU of the validation error.
235	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]+$'.	Text other than single-byte numbers is included in creditorAgentClearingSystemMemberId	Notify PSU of the validation error.

					{$0}: Input value for creditorAgentClearingSystemMemberId		
236	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'creditorAccount' is missing.	creditorAccount does not exist	Notify PSU of the validation error.
237	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 8 (got only {$0}). {$0}: Number of characters in creditorAccount	Number of characters in creditorAccount < 8	Notify PSU of the validation error.
238	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 8 (got {$0}). {$0}: Number of characters in creditorAccount	Number of characters in creditorAccount > 8	Notify PSU of the validation error.
239	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]+$'. {$0}: Input value for creditorAccount	Text other than single-byte numbers is included in creditorAccount	Notify PSU of the validation error.
240	01-411-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in	Number of characters in remittanceInformationUnstructured < 1	Notify PSU of the validation error.

					remittanceInformationUnstructured		
241	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 18 (got {$0}). {$0}: Number of characters in remittanceInformationUnstructured	Number of characters in remittanceInformationUnstructured > 18	Notify PSU of the validation error.
242	01-4 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern ' ^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$ '. {$0}: Input value for remittanceInformationUnstructured	Text other than single-byte alphanumeric characters/symbols is included in remittanceInformationUnstructured	Notify PSU of the validation error.
243	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[0-9]{4}-(0[1-9]\|1[0-2])-(0[1-9]\|[12][0-9]\|3[01])T([01][0-9]\|2[0-3]):[0-5][0-9]:[0-5][0-9]¥.[0-9]{3}(Z\|(¥+\|-)(([01][0-9]\|2[0-3]):[0-5][0-9]))?$. {$0}: Input value for requestedExecutionTime	Format of requestedExecutionTime is not yyyy-mm-ddThh:mm:ss.SSS[Z|(+|-)hh:mm]	Notify PSU of the validation error.
244	01-5	422	422	Invalid	Validate REST: [JSV0002] Invalid object: the property 'exchangeRateInformation' is missing.	exchangeRateInformation does not exist	Notify PSU of the validation error.

245	01-5	422	422	Invalid	Validate REST: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of exchangeRateInformation is other than SPOT', 'SALE', 'AGRD', 'NOEX'	Notify PSU of the validation error.
246	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in contractId	Number of characters in contractId > 35	Notify PSU of the validation error.
247	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in purpose	Number of characters in purpose > 35	Notify PSU of the validation error.
248	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in endToEndIdentification	Number of characters in endToEndIdentification > 35	Notify PSU of the validation error.
249	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in instructionIdentification	Number of characters in instructionIdentification < 1	Notify PSU of the validation error.
250	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35	Number of characters in instructionIdentification > 35	Notify PSU of the validation error.

					(got {$0}). {$0}: Number of characters in instructionIdentification		
251	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for instructionIdentification	Text other than single-byte alphanumeric characters/symbols is included in instructionIdentification	Notify PSU of the validation error.
252	01-5	422	422	Invalid	Validate REST: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of serviceLevel is other than	Notify PSU of the validation error.
253	01-5	422	422	Invalid	Validate REST: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of chargeBearer is other than	Notify PSU of the validation error.
254	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for debtorName	Text other than single-byte alphanumeric characters/symbols is included in debtorName	Notify PSU of the validation error.
255	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in bban of	Number of characters in bban of debtorAccount > 34	Notify PSU of the validation error.

					debtorAccount		
256	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of debtorAccount	Number of characters in iban of debtorAccount < 1	Notify PSU of the validation error.
257	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of debtorAccount	Number of characters in iban of debtorAccount > 34	Notify PSU of the validation error.
258	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of debtorAccount	Text other than single-byte alphanumeric characters is included in iban of debtorAccount	Notify PSU of the validation error.
259	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in debtorId	Number of characters in debtorId < 1	Notify PSU of the validation error.
260	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in debtorId	Number of characters in debtorId > 35	Notify PSU of the validation error.
261	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string:	Text other than single-byte alphanumeric	Notify PSU of the validation error.

					{$0} does not match pattern '^([¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a]|[¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a][¥¥u0020¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a]*[¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a])$'. {$0}: Input value for debtorId	characters, following symbols (/ - ? : ( ) , . ' +) and single-byte space is included in debtorId	
262	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in streetName of creditorAgentAddress	Number of characters in streetName of creditorAgentAddress < 1	Notify PSU of the validation error.
263	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in streetName of creditorAgentAddress	Number of characters in streetName of creditorAgentAddress > 70	Notify PSU of the validation error.
264	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u002	Text other than single-byte alphanumeric characters/symbols is included in streetName of creditorAgentAddress	Notify PSU of the validation error.

					0-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for streetName of creditorAgentAddress		
265	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in buildingNumber of creditorAgentAddress	Number of characters in buildingNumber of creditorAgentAddress < 1	Notify PSU of the validation error.
266	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in buildingNumber of creditorAgentAddress	Number of characters in buildingNumber of creditorAgentAddress > 16	Notify PSU of the validation error.
267	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for buildingNumber of creditorAgentAddress	Text other than single-byte alphanumeric characters/symbols is included in buildingNumber of creditorAgentAddress	Notify PSU of the validation error.
268	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in townName of	Number of characters in townName of creditorAgentAddress < 1	Notify PSU of the validation error.

					creditorAgentAddress		
269	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in townName of creditorAgentAddress	Number of characters in townName of creditorAgentAddress > 35	Notify PSU of the validation error.
270	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for townName of creditorAgentAddress	Text other than single-byte alphanumeric characters/symbols is included in townName of creditorAgentAddress	Notify PSU of the validation error.
271	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in postCode of creditorAgentAddress	Number of characters in postCode of creditorAgentAddress < 1	Notify PSU of the validation error.
272	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in postCode of creditorAgentAddress	Number of characters in postCode of creditorAgentAddress > 16	Notify PSU of the validation error.
273	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string:	Text other than single-byte alphanumeric	Notify PSU of the validation error.

					{$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for postCode of creditorAgentAddress	characters/symbols is included in postCode of creditorAgentAddress	
274	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 2 (got only {$0}). {$0}: Number of characters in country of creditorAgentAddress	Number of characters in country of creditorAgentAddress < 2	Notify PSU of the validation error.
275	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in country of creditorAgentAddress	Number of characters in country of creditorAgentAddress > 2	Notify PSU of the validation error.
276	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for country of creditorAgentAddress	Text other than single-byte alphabet is included in country of creditorAgentAddress	Notify PSU of the validation error.
277	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in	Number of characters in creditorAgentName > 140	Notify PSU of the validation error.

					creditorAgentName		
278	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorAgentNationalClearingCode	Number of characters in creditorAgentNationalClearingCode > 35	Notify PSU of the validation error.
279	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in creditorName	Number of characters in creditorName > 140	Notify PSU of the validation error.
280	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in creditorId	Number of characters in creditorId < 1	Notify PSU of the validation error.
281	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in creditorId	Number of characters in creditorId > 35	Notify PSU of the validation error.
282	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a]|[¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003	Text other than single-byte alphanumeric characters, following symbols (/ - ? : ( ) , . ' +) and single-byte space is included in debtorId	Notify PSU of the validation error.

					F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a][¥¥u0020¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a]*[¥¥u0027-¥¥u0029¥¥u002b-¥¥u003a¥¥u003F¥¥u0041-¥¥u005a¥¥u0061-¥¥u007a])$'. {$0}: Input value for creditorId		
283	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in streetName of creditorAddress	Number of characters in streetName of creditorAddress < 1	Notify PSU of the validation error.
284	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in streetName of creditorAddress	Number of characters in streetName of creditorAddress > 70	Notify PSU of the validation error.
285	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for streetName of creditorAddress	Text other than single-byte alphanumeric characters/symbols is included in streetName of creditorAddress	Notify PSU of the validation error.
286	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the	Number of characters in buildingNumber of	Notify PSU of the validation error.

					minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in buildingNumber of creditorAddress	creditorAddress < 1	
287	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in buildingNumber of creditorAddress	Number of characters in buildingNumber of creditorAddress > 16	Notify PSU of the validation error.
288	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for buildingNumber of creditorAddress	Text other than single-byte alphanumeric characters/symbols is included in buildingNumber of creditorAddress	Notify PSU of the validation error.
289	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in townName of creditorAddress	Number of characters in townName of creditorAddress < 1	Notify PSU of the validation error.
290	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}).	Number of characters in townName of creditorAddress > 35	Notify PSU of the validation error.

					{$0}: Number of characters in townName of creditorAddress		
291	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for townName of creditorAddress	Text other than single-byte alphanumeric characters/symbols is included in townName of creditorAddress	Notify PSU of the validation error.
292	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in postCode of creditorAddress	Number of characters in postCode of creditorAddress < 1	Notify PSU of the validation error.
293	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in postCode of creditorAddress	Number of characters in postCode of creditorAddress > 16	Notify PSU of the validation error.
294	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for postCode of	Text other than single-byte alphanumeric characters/symbols is included in postCode of creditorAddress	Notify PSU of the validation error.

					creditorAddress		
295	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 2 (got only {$0}). {$0}: Number of characters in country of creditorAddress	Number of characters in country of creditorAddress < 2	Notify PSU of the validation error.
296	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in country of creditorAddress	Number of characters in country of creditorAddress > 2	Notify PSU of the validation error.
297	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for country of creditorAddress	Text other than single-byte alphabet is included in country of creditorAddress	Notify PSU of the validation error.
298	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in ultimateDebtor	Number of characters in ultimateDebtor < 1	Notify PSU of the validation error.
299	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in ultimateDebtor	Number of characters in ultimateDebtor > 140	Notify PSU of the validation error.

300	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for ultimateDebtor	Text other than single-byte alphanumeric characters/symbols is included in ultimateDebtor	Notify PSU of the validation error.
301	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in streetName of ultimateDebtorAddress	Number of characters in streetName of ultimateDebtorAddress < 1	Notify PSU of the validation error.
302	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in streetName of ultimateDebtorAddress	Number of characters in streetName of ultimateDebtorAddress > 70	Notify PSU of the validation error.
303	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for streetName of ultimateDebtorAddress	Text other than single-byte alphanumeric characters/symbols is included in streetName of ultimateDebtorAddress	Notify PSU of the validation error.
304	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only	Number of characters in townName of ultimateDebtorAddress < 1	Notify PSU of the validation error.

					{$0}). {$0}: Number of characters in townName of ultimateDebtorAddress		
305	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in townName of ultimateDebtorAddress	Number of characters in townName of ultimateDebtorAddress > 35	Notify PSU of the validation error.
306	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for townName of ultimateDebtorAddress	Text other than single-byte alphanumeric characters/symbols is included in townName of ultimateDebtorAddress	Notify PSU of the validation error.
307	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in postCode of ultimateDebtorAddress	Number of characters in postCode of ultimateDebtorAddress < 1	Notify PSU of the validation error.
308	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in postCode of	Number of characters in postCode of ultimateDebtorAddress > 16	Notify PSU of the validation error.

					ultimateDebtorAddress		
309	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for postCode of ultimateDebtorAddress	Text other than single-byte alphanumeric characters/symbols is included in postCode of ultimateDebtorAddress	Notify PSU of the validation error.
310	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 2 (got only {$0}). {$0}: Number of characters in country of ultimateDebtorAddress	Number of characters in country of ultimateDebtorAddress < 2	Notify PSU of the validation error.
311	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}). {$0}: Number of characters in country of ultimateDebtorAddress	Number of characters in country of ultimateDebtorAddress > 2	Notify PSU of the validation error.
312	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for country of ultimateDebtorAddress	Text other than single-byte alphabet is included in country of ultimateDebtorAddress	Notify PSU of the validation error.
313	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only	Number of characters in ultimateCreditor < 1	Notify PSU of the validation error.

					{$0}). {$0}: Number of characters in ultimateCreditor		
314	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in ultimateCreditor	Number of characters in ultimateCreditor > 140	Notify PSU of the validation error.
315	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for ultimateCreditor	Text other than single-byte alphanumeric characters/symbols is included in ultimateCreditor	Notify PSU of the validation error.
316	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in streetName of ultimateCreditorAddress	Number of characters in streetName of ultimateCreditorAddress < 1	Notify PSU of the validation error.
317	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 70 (got {$0}). {$0}: Number of characters in streetName of ultimateCreditorAddress	Number of characters in streetName of ultimateCreditorAddress > 70	Notify PSU of the validation error.

318	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for streetName of ultimateCreditorAddress	Text other than single-byte alphanumeric characters/symbols is included in streetName of ultimateCreditorAddress	Notify PSU of the validation error.
319	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in townName of ultimateCreditorAddress	Number of characters in townName of ultimateCreditorAddress < 1	Notify PSU of the validation error.
320	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in townName of ultimateCreditorAddress	Number of characters in townName of ultimateCreditorAddress > 35	Notify PSU of the validation error.
321	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for townName of ultimateCreditorAddress	Text other than single-byte alphanumeric characters/symbols is included in townName of ultimateCreditorAddress	Notify PSU of the validation error.
322	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the	Number of characters in postCode of	Notify PSU of the validation error.

					minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in postCode of ultimateCreditorAddress	ultimateCreditorAddress < 1	
323	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 16 (got {$0}). {$0}: Number of characters in postCode of ultimateCreditorAddress	Number of characters in postCode of ultimateCreditorAddress > 16	Notify PSU of the validation error.
324	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for postCode of ultimateCreditorAddress	Text other than single-byte alphanumeric characters/symbols is included in postCode of ultimateCreditorAddress	Notify PSU of the validation error.
325	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 2 (got only {$0}). {$0}: Number of characters in country of ultimateCreditorAddress	Number of characters in country of ultimateCreditorAddress < 2	Notify PSU of the validation error.
326	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 2 (got {$0}).	Number of characters in country of ultimateCreditorAddress > 2	Notify PSU of the validation error.

					{$0}: Number of characters in country of ultimateCreditorAddress		
327	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for country of ultimateCreditorAddress	Text other than single-byte alphabet is included in country of ultimateCreditorAddress	Notify PSU of the validation error.
328	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in bban of chargeAccount	Number of characters in bban of chargeAccount > 34	Notify PSU of the validation error.
329	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of chargeAccount	Number of characters in iban of chargeAccount < 1	Notify PSU of the validation error.
330	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of chargeAccount	Number of characters in iban of chargeAccount > 34	Notify PSU of the validation error.
331	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'.	Text other than single-byte alphanumeric characters is included in iban of chargeAccount	Notify PSU of the validation error.

					{$0}: Input value for iban of chargeAccount		
332	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of chargeAccount	Number of characters in currency of chargeAccount < 3	Notify PSU of the validation error.
333	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of chargeAccount	Number of characters in currency of chargeAccount > 3	Notify PSU of the validation error.
334	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for currency of chargeAccount	Text other than single-byte alphanumeric characters is included in currency of chargeAccount	Notify PSU of the validation error.
335	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToDebtorAgent	Number of characters in regulatoryReportingInformationToDebtorAgent < 1	Notify PSU of the validation error.
336	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 350	Number of characters in regulatoryReportingInformationToDebtorAgent >	Notify PSU of the validation error.

					(got {$0}). {$0}: Number of characters in regulatoryReportingInformationToDebtorAgent	350	
337	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToDebtorAgent	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToDebtorAgent	Notify PSU of the validation error.
338	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent1	Number of characters in regulatoryReportingInformationToCreditorAgent1 < 1	Notify PSU of the validation error.
339	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent1	Number of characters in regulatoryReportingInformationToCreditorAgent1 > 35	Notify PSU of the validation error.

340	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent1	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent1	Notify PSU of the validation error.
341	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent2	Number of characters in regulatoryReportingInformationToCreditorAgent2 < 1	Notify PSU of the validation error.
342	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent2	Number of characters in regulatoryReportingInformationToCreditorAgent2 > 35	Notify PSU of the validation error.
343	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'.	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent2	Notify PSU of the validation error.

					{$0}: Input value for regulatoryReportingInformationToCreditorAgent2		
344	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent3	Number of characters in regulatoryReportingInformationToCreditorAgent3 < 1	Notify PSU of the validation error.
345	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent3	Number of characters in regulatoryReportingInformationToCreditorAgent3 > 35	Notify PSU of the validation error.
346	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent3	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent3	Notify PSU of the validation error.
347	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the	Number of characters in	Notify PSU of the validation error.

					minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent4	regulatoryReportingInformationToCreditorAgent4 < 1	
348	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent4	Number of characters in regulatoryReportingInformationToCreditorAgent4 > 35	Notify PSU of the validation error.
349	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent4	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent4	Notify PSU of the validation error.
350	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorA	Number of characters in regulatoryReportingInformationToCreditorAgent5 < 1	Notify PSU of the validation error.

					gent5		
351	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent5	Number of characters in regulatoryReportingInformationToCreditorAgent5 > 35	Notify PSU of the validation error.
352	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent5	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent5	Notify PSU of the validation error.
353	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent6	Number of characters in regulatoryReportingInformationToCreditorAgent6 < 1	Notify PSU of the validation error.
354	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}).	Number of characters in regulatoryReportingInformationToCreditorAgent6 > 35	Notify PSU of the validation error.

					{$0}: Number of characters in regulatoryReportingInformationToCreditorAgent6		
355	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent6	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent6	Notify PSU of the validation error.
356	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent7	Number of characters in regulatoryReportingInformationToCreditorAgent7 < 1	Notify PSU of the validation error.
357	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent7	Number of characters in regulatoryReportingInformationToCreditorAgent7 > 35	Notify PSU of the validation error.
358	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string:	Text other than single-byte alphanumeric	Notify PSU of the validation error.

					{$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent7	characters/symbols is included in regulatoryReportingInformationToCreditorAgent7	
359	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent8	Number of characters in regulatoryReportingInformationToCreditorAgent8 < 1	Notify PSU of the validation error.
360	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent8	Number of characters in regulatoryReportingInformationToCreditorAgent8 > 35	Notify PSU of the validation error.
361	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent8	Notify PSU of the validation error.

					regulatoryReportingInformationToCreditorAgent8		
362	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent9	Number of characters in regulatoryReportingInformationToCreditorAgent9 < 1	Notify PSU of the validation error.
363	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent9	Number of characters in regulatoryReportingInformationToCreditorAgent9 > 35	Notify PSU of the validation error.
364	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent9	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent9	Notify PSU of the validation error.
365	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only	Number of characters in regulatoryReportingInformationToCreditorAgent1	Notify PSU of the validation error.

					{$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent10	0 < 1	
366	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in regulatoryReportingInformationToCreditorAgent10	Number of characters in regulatoryReportingInformationToCreditorAgent1 0 > 35	Notify PSU of the validation error.
367	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for regulatoryReportingInformationToCreditorAgent10	Text other than single-byte alphanumeric characters/symbols is included in regulatoryReportingInformationToCreditorAgent1 0	Notify PSU of the validation error.
368	01-5	422	422	Invalid	Validate REST: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in instructionForDebtorAgent	Number of characters in instructionForDebtorAgent < 1	Notify PSU of the validation error.
369	01-5	422	422	Invalid	Validate REST: [JSV0006] Invalid string: the	Number of characters in	Notify PSU of the validation error.

					string maximum length must be at most 140 (got {$0}). {$0}: Number of characters in instructionForDebtorAgent	instructionForDebtorAgent > 140	
370	01-5	422	422	Invalid	Validate REST: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$'. {$0}: Input value for instructionForDebtorAgent	Text other than single-byte alphanumeric characters/symbols is included in instructionForDebtorAgent	Notify PSU of the validation error.
371	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'access' is missing.	access does not exist	Notify PSU of the validation error.
372	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of accounts of access	Number of characters in iban of accounts of access < 1	Notify PSU of the validation error.
373	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of accounts of access	Number of characters in iban of accounts of access > 34	Notify PSU of the validation error.

374	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of accounts of access	Text other than single-byte alphanumeric characters/symbols is included in iban of accounts of access	Notify PSU of the validation error.
375	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of accounts of access	Number of characters in bban of accounts of access < 1	Notify PSU of the validation error.
376	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of accounts of access	Number of characters in bban of accounts of access > 35	Notify PSU of the validation error.
377	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of accounts of access	Text other than single-byte alphanumeric characters/symbols is included in bban of accounts of access	Notify PSU of the validation error.
378	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}).	Number of characters in currency of accounts of access < 3	Notify PSU of the validation error.

					{$0}: Number of characters in currency of accounts of access		
379	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of accounts of access	Number of characters in currency of accounts of access > 3	Notify PSU of the validation error.
380	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of accounts of access	Text other than single-byte alphabet is included in currency of accounts of access	Notify PSU of the validation error.
381	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of balances of access	Number of characters in iban of balances of access < 1	Notify PSU of the validation error.
382	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of balances of access	Number of characters in iban of balances of access > 34	Notify PSU of the validation error.
383	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1:	Text other than single-byte alphanumeric	Notify PSU of the validation error.

					[JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of balances of access	characters/symbols is included in iban of balances of access	
384	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of balances of access	Number of characters in bban of balances of access < 1	Notify PSU of the validation error.
385	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of balances of access	Number of characters in bban of balances of access > 35	Notify PSU of the validation error.
386	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of balances of access	Text other than single-byte alphanumeric characters/symbols is included in bban of balances of access	Notify PSU of the validation error.
387	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of	Number of characters in currency of balances of access < 3	Notify PSU of the validation error.

					balances of access		
388	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of balances of access	Number of characters in currency of balances of access > 3	Notify PSU of the validation error.
389	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of balances of access	Text other than single-byte alphabet is included in currency of balances of access	Notify PSU of the validation error.
390	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of transactions of access	Number of characters in iban of transactions of access < 1	Notify PSU of the validation error.
391	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of transactions of access	Number of characters in iban of transactions of access > 34	Notify PSU of the validation error.
392	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not	Text other than single-byte alphanumeric characters/symbols is included in iban of	Notify PSU of the validation error.

					match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of transactions of access	transactions of access	
393	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of transactions of access	Number of characters in bban of transactions of access < 1	Notify PSU of the validation error.
394	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of transactions of access	Number of characters in bban of transactions of access > 35	Notify PSU of the validation error.
395	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of transactions of access	Text other than single-byte alphanumeric characters/symbols is included in bban of transactions of access	Notify PSU of the validation error.
396	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of transactions of access	Number of characters in currency of transactions of access < 3	Notify PSU of the validation error.

397	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of transactions of access	Number of characters in currency of transactions of access > 3	Notify PSU of the validation error.
398	06	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of transactions of access	Text other than single-byte alphabet is included in currency of transactions of access	Notify PSU of the validation error.
399	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of availableAccounts of access is other than 'allAccounts'	Notify PSU of the validation error.
400	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of availableAccountsWithBalance of access is other than 'allAccounts'	Notify PSU of the validation error.
401	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of allPsd2 of access is other than 'allAccounts'	Notify PSU of the validation error.
402	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'recurringIndicator' is missing.	recurringIndicator does not exist	Notify PSU of the validation error.
403	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1:	Value of recurringIndicator is other than 'true'	Notify PSU of the validation error.

					[JSV0013] Invalid value: the value is not among the permitted enumerated values.		
404	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'validUntil' is missing.	validUntil does not exist	Notify PSU of the validation error.
405	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of validUntil is other than '9999-12-31'	Notify PSU of the validation error.
406	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'frequencyPerDay' is missing.	frequencyPerDay does not exist	Notify PSU of the validation error.
407	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0008] Invalid int: {$0} must be greater than or equal to 1 {$0}: Number of characters in frequencyPerDay	Value for frequencyPerDay < 1	Notify PSU of the validation error.
408	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0009] Invalid int: $1 should be less than or equal to 500. {$0}: Number of characters in frequencyPerDay	Value for frequencyPerDay > 500	Notify PSU of the validation error.
409	06	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property	combinedServiceIndicator does not exist	Notify PSU of the validation error.

					'combinedServiceIndicator' is missing.		
410	06	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of combinedServiceIndicator is other than 'false'	Notify PSU of the validation error.
411	11-1 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in paymentInformationId	Value for paymentInformationId < 1	Notify PSU of the validation error.
412	11-1 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in paymentInformationId	Number of characters for paymentInformationId > 35	Notify PSU of the validation error.
413	11-1 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^([¥u0021-¥u007e]\|[¥u0021-¥u007e][¥u0020-¥u007e]*[¥u0021-¥u007e])$. {$0}: Input value for amount of paymentInformationId	Text other than single-byte alphanumeric characters is included in paymentInformationId	Notify PSU of the validation error.
414	11-1 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property	confidential does not exist.	Notify PSU of the validation error.

					'confidential' is missing.		
415	11-1 11-2	422	422	Invalid	Validate REST: xa35://tmp/temp_126273:1: [JSV0013] Invalid value: the value is not among the permitted enumerated values.	Value of confidential is other than ’0 ' or ‘1’	Notify PSU of the validation error.
416	11-1 11-2 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'payments' is missing.	payments does not exist.	Notify PSU of the validation error.
417	11-1 11-2 11-3	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid array: the minimum number of items in the array must be at least 1 (got only 0).	Items under payments do not exist	Notify PSU of the validation error.
418	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'account' is missing.	account does not exist.	Notify PSU of the validation error.
419	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of account	Number of characters in iban of account < 1	Notify PSU of the validation error.
420	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006]	Number of characters in iban of account > 34	Notify PSU of the validation error.

					Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of account		
421	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of account	Text other than single-byte alphanumeric characters is included in iban of account	Notify PSU of the validation error.
422	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of account	Number of characters in bban of account < 1	Notify PSU of the validation error.
423	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of account	Number of characters in bban of account > 35	Notify PSU of the validation error.
424	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007]	Text other than single-byte alphanumeric characters is included in bban of account	Notify PSU of the validation error.

					Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of account		
425	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of account	Number of characters in currency of account < 3	Notify PSU of the validation error.
426	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of account	Number of characters in currency of account > 3	Notify PSU of the validation error.
427	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for currency of account	Text other than single-byte alphanumeric characters is included in currency of account	Notify PSU of the validation error.
428	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002]	instructedAmount does not exist	Notify PSU of the validation error.

					Invalid object: the property 'instructedAmount' is missing.		
429	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount < 3	Notify PSU of the validation error.
430	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of instructedAmount	Number of characters in currency of instructedAmount > 3	Notify PSU of the validation error.
431	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for currency of instructedAmount	Text other than single-byte alphanumeric characters is included in currency of instructedAmount	Notify PSU of the validation error.
432	13	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must	Number of characters in amount of instructedAmount < 1	Notify PSU of the validation error.

					be at least 1 (got only {$0}). {$0}: Number of characters in amount of instructedAmount		
433	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 22 (got {$0}). {$0}: Number of characters in amount of instructedAmount	Number of characters in amount of instructedAmount > 22	Notify PSU of the validation error.
434	13	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^(0¥.[0-9]*[1-9]|[1-9][0-9]*(|¥.[0-9]*[1-9]))$'. {$0}: Input value for amount of instructedAmount	Text other than single-byte alphanumeric characters is included in amount of instructedAmount	Notify PSU of the validation error.
435	01 ~ 16	401	401	Unauthorized	Client id in wrong location.	Client id does not exist.	TPP corrects the transmission message.
436	14	422	422	Invalid	Validate REST: xa35://tmp/temp_11472:1: [JSV0002] Invalid object: the property 'account' is missing.	account does not exist	Notify PSU of the validation error.

437	14	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in iban of account	Number of characters in iban of account < 1	Notify PSU of the validation error.
438	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 34 (got {$0}). {$0}: Number of characters in iban of account	Number of characters in iban of account > 34	Notify PSU of the validation error.
439	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for iban of account	Text other than single-byte alphanumeric characters/symbols is included in iban of account	Notify PSU of the validation error.
440	14	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 1 (got only {$0}). {$0}: Number of characters in bban of account	Number of characters in bban of account < 1	Notify PSU of the validation error.
441	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 35 (got {$0}). {$0}: Number of characters in bban of account	Number of characters in bban of account > 35	Notify PSU of the validation error.
442	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1:	Text other than single-byte alphanumeric	Notify PSU of the validation error.

					[JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z0-9]+$'. {$0}: Input value for bban of account of access	characters/symbols is included in bban of account	
443	14	422	422	Invalid	Validate REST: xa35://tmp/temp_11598:1: [JSV0005] Invalid string: the minimum length must be at least 3 (got only {$0}). {$0}: Number of characters in currency of account	Number of characters in currency of account < 3	Notify PSU of the validation error.
444	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0006] Invalid string: the string maximum length must be at most 3 (got {$0}). {$0}: Number of characters in currency of account	Number of characters in currency of account > 3	Notify PSU of the validation error.
445	14	422	422	Invalid	Validate REST: xa35://tmp/temp_09401:1: [JSV0007] Invalid string: {$0} does not match pattern '^[a-zA-Z]+$'. {$0}: Input value for currency of account	Text other than single-byte alphabet is included in currency of account	Notify PSU of the validation error.

#	API (*)	Response information					Cause	Solution
		HTTP status	body					
			status	message	code	developer_message		

1	01 ~ 16	503	503	Service Unavailable	E001	Incorrect URI. Please verify URI and try again.	URL error (1): The organization specified upon API call does not exist. /btmuxx/corporation/v1/accounts/{account_id}	TPP corrects the setting of the destination URL at the time of API call.
2	01 ~ 16	404	404	Not Found	E003	Incorrect URI. Please verify URI and try again.	URL error (2): API URL does not exist in the organization or catalog. /Organization name/[catalog name/]corporation/v1/accounts/{account_id}/VV	TPP corrects the setting of the destination URL at the time of API call.
3	01 06 11 13 14	400	400	Bad Request	E004	Content-Type is missing in HTTP Header.	Http header error (in case of API of POST) (1): No Content-Type	TPP adds content-type header.
4	01 06 11 13 14	400	400	Bad Request	E004	Content-Type is wrong in HTTP Header.	Http header error (in case of API of POST) (2): Content-Type is not correct Content-Type: applicationXXX	TPP corrects the content-type to HTTP header.
5	01 ~ 16	500	500	Internal Server Error	E000	Please verify Digital Certificate and try again. Please contact your servicing MUFG Bank office for further assistance.	Serial check of the certificate for TPP.	TPP performs communication using the correct certificate.
6	01	503	503	Service	E001	Out of service hours.	Error outside of service hours.	Re-access during service hours.

	~ 16			Unavailable				
7	01 ~ 16	430	430	Transaction Limit Exceeded	E002	Please try again after a while or contact your servicing MUFG Bank office for further assistance.	Volume control error (simultaneous connection limit) *This error is occurred by exceeding the simultaneous connection limit, and may be caused by more than one TPP.	Should be used within the volume limit.
8	01 ~ 16	503	503	Service Unavailable	E005	Internal server error occurred. Please contact your servicing MUFG Bank office.	System error. Timeout error without response within the expected period of time (300 seconds)	Re-access after recovery.
9	03 05 09	400	400	Bad Request	E006	Query parameteris wrong.	query parameter is not correct.	TPP corrects the query parameter
10	01 ~ 08 10 ~ 16	400	400	Bad Request	E004	HTTP Header is incorrect.	HTTP Header is not correct.	TPP corrects the HTTP Header .
11	01 ~ 16	500	500	Internal Server Error	E000	Internal server error occurred. Please contact your servicing MUFG Bank	System error. Timeout error without response within the expected period of time (300 seconds)	Re-access after recovery.

						office.		

#	API (*)	Response information			Cause	Solution
		HTTP status	body			
			error	error_description		
1.	01 ~ 16	400	invalid_grant	(no field)	Code is incorrect or expired. code_challenge and code_verifier values do not match	TPP corrects transmission message or asks PSU to re-obtain authorization code.
2.	09	400	unknown	(no field)	Content-Type is incorrect response_type does not exist grant_type does not exist redirect_uri does not exist code is does not exist code_challenge value is missing Conversion method in which code_challenge_method is not supported	TPP corrects the transmission message.
3.	01 ~ 16	400	unknown	(no field)	Value of grant_type is incorrect.	TPP corrects the transmission message.
4.	01 ~	401	invalid_client	client_id unauthorized	client_id field is missing. Application non-registration check	Correct transmission message. Performs registration if unintentionally unregistered.

	16				(Error when obtaining access token with unsubscribed client ID.) Value of client_id or client_secret is incorrect.	
5.	01 ~ 16	401	unauthorized	(no field)	Value of client_id or client_secret is incorrect.	Correct transmission message.
6.	01 ~ 16	401	unauthorized	Application is suspended	Active check of application (Application inactive when access token is obtained.)	Action should be taken by MUFG.

*Relationship between each code value and target API is as follows.

01: POST_/v1/payments/{payment-product}

01-1 : Payments, Foreign Remittance

01-2 : SEPA Credit Transfer

01-3 : Domestic Credit Transfer (Europe)

01-4 : UK Low Value Payment

01-5 : Payments(iso-20022), Foreign Remittance(iso-20022)

02: GET_/v1/payments/{payment-product}/{paymentId}/status

03: GET_/v1/accounts

04: GET_/v1/accounts/{account-id}/balances

05: GET_/v1/accounts/{account-id}/transactions

06: POST_/v1/consents

07: GET_/v1/consents/{consentId}

08: DELETE_/v1/consents/{consentId}

09: GET_/authorize

10: POST_/token

11: POST_/v1/bulk-payments/{payment-product}

11-1 : SEPA Credit Transfer

11-2 : Domestic Credit Transfer (Europe)

11-3 : UK Low Value Payment

12: GET_/v1/bulk-payments/{payment-product}/{paymentId}/status

13: POST_/v1/ funds-confirmations

14: POST_/v2/consents/confirmation-of-funds

15: GET_/v2/consents/confirmation-of-funds/{consentId}

16: DELETE_/v2/consents/confirmation-of-funds/{consentId}

6.2 List of errors (business error)

#	API	Response information							Cause	Solution
		HTTP Status	header		body					
			X-Request-ID	Date	transaction status	tppMessage				
						category	code	text		
1.	01～08, 11～18	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20057] There is no user ID to display.	User existence check	Provide the error text to PSU.
2.	01～	400	ID of each	Execution	(no field)	ERROR	SERVICE_INVALID	[E20051] You do not have the	User privilege existence check	Provide the error text to PSU.

	08, 11～ 18		request	time				privilege for this operation.		
3.	01～ 08, 11～ 18		ID of eac h request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E10134] The user ID is suspende d or locked. Please check the user ID and password and try again.	GCMS Plus user check	Provide the error text to PSU.
4.	01 ～ 18	500	ID of each request	Execution time	(no field)	ERROR	SYSTEM_ERROR	[E90001] This service is not available at this time. Please try again after a while. If this error message is repeatedly displayed, please contact your servicing MUFG Bank office for further assistance.	System error	Provide the error text to PSU.
5.	01	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E38004] There is no valid account to display.	API availability check for branch	Provide the error text to PSU, and ask for correction of information input.
6.	01 02 11-3 11-4 13 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E38007] There is no "debtorAccou nt" to display.	User privilege check (Account existence check)	Provide the error text to PSU, and ask for correction of information input.
7.	11-1	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E33455] There is no user ID to	User existence check	Provide the error text to PSU,

	~ 11-5 14-1 ~ 14-3		request	time				display.		and ask for correction of information input.
8.	11-1 ~ 11-5 14-1 ~ 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33456] You do not have the privilege for this operation.	User privilege existence check	Provide the error text to PSU, and ask for correction of information input.
9.	11-1 11-5 11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33457] There is no settlement account to display.	Settlement account existence check	Provide the error text to PSU, and ask for correction of information input.
10.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33458] "paymentType" must be either "1"(Book Transfer) or "2"(Domestic Remittance) , or "3"(Foreign Remittance).	Fixed value check for paymentType	Provide the error text to PSU, and ask for correction of information input.
11.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33459] "serviceLevel" must be ei ther blank or "1"(RTGS (Urgent)).	Fixed value check for serviceLev el	Provide the error text to PSU, and ask for correction of information input.
12.	11-1	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E33460] "rateType" must be eithe	Fixed value check for rateType	Provide the error text to PSU,

			request	time				r "NOEX", "SPOT", or "CONT".		and ask for correction of information input.
13.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33461] "creditorAddress2" must be either blank or an ISO 2-digit country code.	Fixed value check for creditorAddress2	Provide the error text to PSU, and ask for correction of information input.
14.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33536] "creditorAddress2" must be an ISO 2-digit country code.	Fixed value check for creditorAddress2	Provide the error text to PSU, and ask for correction of information input.
15.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33462] "creditorAgentOption" must be either "D"(Bank / Branch), "A"(SWIFT BIC), or "C"(National Clearing Code).	Fixed value check for creditorAgentOption	Provide the error text to PSU, and ask for correction of information input.
16.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33463] "creditorAgentCountry" must be either blank or an ISO 2-digit country code.	Fixed value check for creditorAgentCountry	Provide the error text to PSU, and ask for correction of information input.
17.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33464] "chargeBearer" must be either "SHA", "BEN", or "OUR".	Fixed value check for chargeBearer	Provide the error text to PSU, and ask for correction of information input.
18.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33465] Currency is incorrect or unavailable.	Currency existence check	Provide the error text to PSU, and ask for correction of information input.
19.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33466] There is no settlement account / charge account to display.	Settlement account/charge account existence check	Provide the error text to PSU, and ask for correction of

										information input.
20.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33467] "paymentType" must not be "1"(Book Transfer) when "payment-product" is "target-2-payments".	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
21.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33527] "paymentType" must not be "1"(Book Transfer) when "payment-product" is "cross-border-credit-transfers".	Combination check for payment Type	Provide the error text to PSU, and ask for correction of information input.
22.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33528] "paymentType" must not be "2"(Domestic Remittance) when "payment-product" is "cross-border-credit-transfers".	Combination check for payment Type	Provide the error text to PSU, and ask for correction of information input.
23.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33529] "paymentType" must not be "3"(Foreign Remittance) when "payment-product" is "domestic-payments".	Combination check for payment Type	Provide the error text to PSU, and ask for correction of information input.
24.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33530] "paymentType" must not be "3"(Foreign Remittance) when "payment-product" is "target-2-payments".	Combination check for payment Type	Provide the error text to PSU, and ask for correction of information input.
25.	11-1 ~	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33468] {$0}The amount must be greater than 0.	Amount check	Provide the error text to PSU, and ask for correction of

	11-5 14-1 ～ 14-3							{$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API codes: 14-1,14-2,14-3		information input.
26.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33175] Amount must be within 14 digits excluding the comma and the decimal point.	Integer digit check for Amount	Provide the error text to PSU, and ask for correction of information input.
27.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33469] Decimal of amount must be within 4 digits.	Decimal digit check for Amount	Provide the error text to PSU, and ask for correction of information input.
28.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33470] "creditorName" must be within 35 single-byte characters.	Number of characters check for creditorName	Provide the error text to PSU, and ask for correction of information input.
29.	11-1 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33471] {$0}"endToEndIdentification" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API codes: 14-1,14-2	Acceptable character check for endToEndIdentification	Provide the error text to PSU, and ask for correction of information input.
30.	11-1	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E33473] {$0}"creditorAccount" co	Acceptable character check for i	Provide the error text to PSU,

	14-2		request	time				ntains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	ban of creditorAccount	and ask for correction of information input.
31.	11-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33473] {$0}"creditorAccount" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	Acceptable character check for bban of creditorAccount	Provide the error text to PSU, and ask for correction of information input.
32.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33474] "creditorName" contains characters which are not supported by SWIFT.	Acceptable character check for creditorName	Provide the error text to PSU, and ask for correction of information input.
33.	11-1 11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33475] {$0}"creditorAddress1" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of	Acceptable character check for creditorAddress1	Provide the error text to PSU, and ask for correction of information input.

								erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2		
34.	11-1 11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33476] {$0}"creditorAddress2" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	Acceptable character check for creditorAddress2	Provide the error text to PSU, and ask for correction of information input.
35.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33477] "creditorAgentName" contains characters which are not supported by SWIFT.	Acceptable character check for creditorAgentName	Provide the error text to PSU, and ask for correction of information input.
36.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33478] "creditorAgentBranchNameAddress" contains characters which are not supported by SWIFT.	Acceptable character check for creditorAgentBranchNameAddress	Provide the error text to PSU, and ask for correction of information input.
37.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33479] "creditorAgentBranchNameAddress" contains characters which are not supported by SWIFT.	Acceptable character check for creditorAgentBranchNameAddress	Provide the error text to PSU, and ask for correction of information input.
38.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33480] "creditorAgentNationalClearingCode" contains characters which are not supported by SWIFT.	Acceptable character check for creditorAgentNationalClearingCode	Provide the error text to PSU, and ask for correction of information input.

39.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33481] "purpose" contains characters which are not supported by SWIFT.	Acceptable character check for purpose	Provide the error text to PSU, and ask for correction of information input.
40.	11-1 11-5 11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33482] {$0}"remittanceInformationUnstructured" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	Acceptable character check for remittanceInformationUnstructured	Provide the error text to PSU, and ask for correction of information input.
41.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33483] "regulatoryReporting" contains characters which are not supported by SWIFT.	Acceptable character check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.
42.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33484] Decimal of amount must be within the required digits for the selected currency.	Number of characters check for payment currency	Provide the error text to PSU, and ask for correction of information input.
43.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33485] "serviceLevel" must be set "0" when "paymentType" is "1" (Book Transfer).	Combination check for serviceLevel, paymentType	Provide the error text to PSU, and ask for correction of information input.
44.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33531] "serviceLevel" must be "0" for this Settlement Account Offi	Combination check for serviceLevel and paymentType	Provide the error text to PSU, and ask for correction of

								ce when "paymentType" is "3"(Foreign Remittance).		information input.
45.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33486] "contractId" must not be set when "rateType" is "NOEX".	Combination check for contractId, rateType (rateType is NOEX)	Provide the error text to PSU, and ask for correction of information input.
46.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33487] "contractId" must not be set when "rateType" is "SPOT".	Combination check for contractId, rateType (rateType is SPOT)	Provide the error text to PSU, and ask for correction of information input.
47.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33488] "contractId" must be set when "rateType" is "CONT".	Combination check for contractId, rateType (rateType is CONT)	Provide the error text to PSU, and ask for correction of information input.
48.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33489] An IBAN and BBAN cannot be specified at once for "creditorAccount".	Combination check for creditorAccount non-setting	Provide the error text to PSU, and ask for correction of information input.
49.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33489] An IBAN and BBAN cannot be specified at once for "creditorAccount".	Combination check for creditorAccount setting	Provide the error text to PSU, and ask for correction of information input.
50.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33490] If "creditorAccount" is an IBAN, it must comply with IBAN requirements.	iban check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
51.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33491] "creditorAgentName" must be set when "creditorAgentBranchNameAddress" or "creditorAgentC	Combination check for creditorAgentName, creditorAgentBranchNameAddress, creditorAgentCountry	Provide the error text to PSU, and ask for correction of information input.

								ountry" is set.		
52.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33492] "creditorAgentNationalClearingCode" and "creditorAgentBIC" under Creditor Bank Information cannot be filled in when you have selected option "D".	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
53.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33493] "creditorAgentBIC" under Creditor Bank Information must be filled in when you have selected option "A".	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
54.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33494] "creditorAgentNationalClearingCode", "creditorAgentName", and "creditorAgentBranchNameAddress" under Creditor Bank Information must not be set when you have selected option "A".	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
55.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33495] "creditorAgentNationalClearingCode" under Creditor Bank Information must be filled in when you have selected option "C".	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
56.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33496] "creditorAgentBIC", "creditorAgentName", and "creditorAgentBranchNameAddress" must not be	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.

								set when you have selected option "C".		
57.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33497] "1"(Book Transfer) must not be selected for "paymentType" when you have selected option "C".	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
58.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33532] "creditorAgentOption" must not be "C" when "paymentType" is "3"(Foreign Remittance).	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
59.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33483] "regulatoryReporting" contains characters which are not supported by SWIFT.	Combination check for Creditor Bank Information	Provide the error text to PSU, and ask for correction of information input.
60.	11-1 11-5 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33498] {$0}"creditorAgent" must be 8 or 11 characters long. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-1	Data length check for creditorAgent	Provide the error text to PSU, and ask for correction of information input.
61.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33499] The format of "creditorAgent" must comply with SWIFT requirements.	Format check for creditorAgent	Provide the error text to PSU, and ask for correction of information input.
62.	11-1	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E33500] The currency of "debtorA	Combination check for currency	Provide the error text to PSU,

			request	time				ccount" must be the same as currency when "rateType" is "10".	of debtorAccount	and ask for correction of information input.
63.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33501] The currency of "debtorAccount" must be the same as currency when "rateType" is "20".	Combination check for currency of debtorAccount	Provide the error text to PSU, and ask for correction of information input.
64.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33502] The currency of "debtorAccount" must be the same as currency when "rateType" is "30".	Combination check for currency of debtorAccount	Provide the error text to PSU, and ask for correction of information input.
65.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33502] "chargeAccount" must not be selected when "chargeBearer" is creditor.	Combination check for chargeAccount	Provide the error text to PSU, and ask for correction of information input.
66.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33503] "debtorAccount" and "chargeAccount" must be of the same office.	Combination check for debtorAccount, chargeAccount	Provide the error text to PSU, and ask for correction of information input.
67.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33465] Currency is incorrect or unavailable.	Currency existence check for Charge Account No.	Provide the error text to PSU, and ask for correction of information input.
68.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33504] "RTGS (Urgent)" must not be specified for this debtor account office.	RTGS availability check for account CIF holding branch	Provide the error text to PSU, and ask for correction of information input.
69.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33533] "regulatoryReporting" must be within 35 characters X 1 line when "purpose" is set, and "paym	Number of characters check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.

								entType" is "3"(Foreign Remittance) for this Settlement Account Office.		
70.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33534] "regulatoryReporting" must be within 35 characters X 2 lines when "paymentType" is "3"(Foreign Remittance) for this Settlement Account Office.	Number of characters check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.
71.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33505] "regulatoryReporting" must be within 35 characters X 2 lines when "PaymentType" is "2"(Domestic Remittance) for this debtor account office.	Number of characters check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.
72.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33506] "regulatoryReporting" must be within 35 characters when "paymentType" is "2"(Domestic Remittance), "purpose" is filled in, and an option is selected for "RTGS (Urgent)".	Combination check for regulatory Reporting	Provide the error text to PSU, and ask for correction of information input.
73.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33507] "regulatoryReporting" must be within 70 characters when "paymentType" is "2"(Domestic Remittance), and an option is selected f	Combination check for regulatory Reporting	Provide the error text to PSU, and ask for correction of information input.

								or "RTGS (Urgent)".		
74.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33508] "regulatoryReporting" must be within 70 characters when "paymentType" is "2"(Domestic Remittance), "purpose" is filled in, and an option is selected for "RTGS (Urgent)".	Combination check for regulatory Reporting	Provide the error text to PSU, and ask for correction of information input.
75.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33509] The length of "creditorAgentNationalClearingCode" is incorrect.	Number of characters check for creditorAgentNationalClearingCode	Provide the error text to PSU, and ask for correction of information input.
76.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33535] "creditorAgentNationalClearingCode" cannot be set in "creditorAgentName"/"creditorAgentBranchNameAddress"/"creditorAgentCountry" when "paymentType" is "3"(Foreign Remittance). When Currency is "GBP" and the creditor bank is located in the UK, set "paymentType" to "2"(Domestic Remittance).	Combination check for creditorAgentNationalClearingCode	Provide the error text to PSU, and ask for correction of information input.
77.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33510] Colons (:), hyphens (-) and slashes (/) cannot be used as the head character of "endToEndIdentification". Slashes (/) also cannot	Acceptable character check for endToEndIdentification	Provide the error text to PSU, and ask for correction of information input.

								be used as the last character of " endToEndIdentification".		
78.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33511] {$0}Slashes (/) cannot b e used as the last character of "co ntractId".	Acceptable character check for c ontractId	Provide the error text to PSU, and ask for correction of information input.
79.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33512] Colons (:) and hyphens (-) cannot be used as the head ch aracter of "creditorName".	Acceptable character check for c reditorName	Provide the error text to PSU, and ask for correction of information input.
80.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33513] Colons (:) and hyphens (-) cannot be used as the head ch aracter of each line in "creditorAdd ress1" when delimited by 35 chara cters, or after a line break.	Acceptable character check for c reditorAddress1	Provide the error text to PSU, and ask for correction of information input.
81.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33514] Colons (:) and hyphens (-) cannot be used as the head ch aracter of "creditorAddress2".	Acceptable character check for c reditorAddress2	Provide the error text to PSU, and ask for correction of information input.
82.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33515] Colons (:) and hyphens (-) cannot be used as the head ch aracter of "creditorAgentName", or the first 4 characters does not co mply with SWIFT requirements.	Acceptable character check for c reditorAgentName	Provide the error text to PSU, and ask for correction of information input.
83.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33516] Colons (:) and hyphens (-) cannot be used as the head ch	Acceptable character check for c reditorAgentBranchNameAddress	Provide the error text to PSU, and ask for correction of

								aracter of each line in "creditorAgentBranchNameAddress" when delimited by 35 characters, or after a line break.		information input.
84.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33517] Colons (:) and hyphens (-) cannot be used as the head character of "creditorAgentCountry".	Acceptable character check for creditorAgentCountry	Provide the error text to PSU, and ask for correction of information input.
85.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33518] "creditorAgentNationalClearingCode" does not comply with SWIFT requirements.	Acceptable character check for creditorAgentNationalClearingCode	Provide the error text to PSU, and ask for correction of information input.
86.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33519] Colons (:) and hyphens (-) cannot be used as the head character of each line in "remittanceInformationUnstructured" when delimited by 35 characters, or after a line break.	Acceptable character check for remittanceInformationUnstructured	Provide the error text to PSU, and ask for correction of information input.
87.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33520] Colons (:) and hyphens (-) cannot be used as the head character of each line in "regulatoryReporting" when delimited by 35 characters, or after a line break.	Acceptable character check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.
88.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33521] There is no currency to display.	Base currency existence check	Provide the error text to PSU, and ask for correction of

										information input.
89.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33521] There is no currency to display.	Conversion rate existence check	Provide the error text to PSU, and ask for correction of information input.
90.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E00328] This transaction data can not be applied since the amount exceeds the limit amount.	Applicable amount check	Provide the error text to PSU, and ask for correction of information input.
91.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E00329] There is no user to approve. Please check the access privilege.	Approver existence check	Provide the error text to PSU, and ask for correction of information input.
92.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33522] "requestedExecutionDate" must not be in the past.	Past date check for requestedExecutionDate	Provide the error text to PSU, and ask for correction of information input.
93.	11-1 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33523] "requestedExecutionDate" must be within 20 days from today.	Future date check for requested ExecutionDate	Provide the error text to PSU, and ask for correction of information input.

94.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33524] "requestedExecutionDate" must be a business day of the selected debtor account office.	Business day check for requestedExecutionDate	Provide the error text to PSU, and ask for correction of information input.
95.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E30002] It is over the cutoff time for specified Remittance Currency. Please change the date.	Currency cutoff time excess check	Provide the error text to PSU, and ask for correction of information input.
96.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E30042] Specified currency is not available.	Cutoff time existence check	Provide the error text to PSU, and ask for correction of information input.
97.	11-1 ~ 11-5 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33525] There is no account to display.	Account existence check (API availability check for branch)	Provide the error text to PSU, and ask for correction of information input.
98.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34655] The code set in purposeCode is incorrect.	purposeCode value check	Provide the error text to PSU, and ask for correction of information input.
99.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34656] "debtorAccount" has been deleted, or your access privilege	Account payment privilege check	Provide the error text to PSU, and ask for correction of inform

								to the "debtorAccount" has been removed.		ation input.
100.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34657] The currency set in “debtorAccount” is incorrect or unavailable.	Fixed value check for currency of debtorAccount	Provide the error text to PSU, and ask for correction of information input.
101.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34014] {$0}Integer of Amount must be within 9 digits. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-1	Integer digit check for Amount	Provide the error text to PSU, and ask for correction of information input.
102.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34015] {$0}Decimal of amount must be within 2 digits. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API codes: 14-1,14-2,14-3	Decimal digit check for Amount	Provide the error text to PSU, and ask for correction of information input.
103.	11-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34659] "debtorAccount" does not comply with IBAN requirements.	Acceptable character check for "debtorAccount"	Provide the error text to PSU, and ask for correction of information input.
104.	11-2	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E34661] {$0}A slash (/) is includ	Slash character check for "endTo	Provide the error text to PSU,

	14-1		request	time				ed at the beginning or end of "end ToEndIdentification",or a double sla sh (//) is included in "endToEndIde ntification". {$0}: Transaction of {amount of e rroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the f ollowing API code: 14-1	EndIdentification"	and ask for correction of information input.
105.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34662] {$0}"creditorName" cont ains characters which cannot be us ed in SEPA. {$0}: Transaction of {amount of e rroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the f ollowing API code: 14-1	Acceptable character check for c reditorName	Provide the error text to PSU, and ask for correction of information input.
106.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34665] {$0}"ultimateCreditor" co ntains characters which cannot be used in SEPA. {$0}: Transaction of {amount of e rroneous transaction} {currency of erroneous transaction}:	Acceptable character check for u ltimateCreditor	Provide the error text to PSU, and ask for correction of information input.

								※ {$0} is displayed only for the following API code: 14-1		
107.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34666] {$0}"remittanceInformationUnstructured" contains characters which cannot be used in SEPA. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-1	Acceptable character check for remittanceInformationUnstructured	Provide the error text to PSU, and ask for correction of information input.
108.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34667] {$0}"regulatoryReporting" contains characters which cannot be used in SEPA. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-1	Acceptable character check for regulatoryReporting	Provide the error text to PSU, and ask for correction of information input.
109.	11-2 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34668] {$0}The currency set in “instructedAmount” is incorrect or unavailable. {$0}: Transaction of {amount of erroneous transaction} {currency of	Currency check for instructedAmount	Provide the error text to PSU, and ask for correction of information input.

								erroneous transaction}: ※ {$0} is displayed only for the f ollowing API codes: 14-1,14-2		
110.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34671] {$0}"remittanceInformati onUnstructured" and "remittanceInf ormationStructured" cannot be set at once. {$0}: Transaction of {amount of e rroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the f ollowing API code: 14-1	Combination check for remittanc eInformationUnstructured, remitta nceInformationStructured	Provide the error text to PSU, and ask for correction of information input.
111.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34672] {$0}"creditorAgent" must be set when a debtor bank or a c reditor bank is located in non-EU/E EA countries. {$0}: Transaction of {amount of e rroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the f ollowing API code: 14-1	Mandatory check for creditorAge nt	Provide the error text to PSU, and ask for correction of information input.
112.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34673] {$0}The format of "remi ttanceInformationStructured" to cre	Combination check for remittanc eInformationStructured	Provide the error text to PSU, and ask for correction of

								ditor is incorrect. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-1		information input.
113.	11-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34674] "creditorAgentBIC" is invalid. (Alphabets must be in capital letters).	Character type check for creditor AgentBIC	Provide the error text to PSU, and ask for correction of information input.
114.	11-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34675] "creditorAgentBIC" is invalid.	creditorAgentBIC existence check	Provide the error text to PSU, and ask for correction of information input.
115.	11-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34676] "creditorAgentBIC" must be 8 or 11 characters long.	Number of characters check for creditorAgentBIC	Provide the error text to PSU, and ask for correction of information input.
116.	11-2 11-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E00213] Currency cannot be obtained.	Base currency existence check	Provide the error text to PSU, and ask for correction of information input.
117.	11-2 11-3 11-4 14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34677] Please register the exchange rate for the specified currency.	Conversion rate existence check	Provide the error text to PSU, and ask for correction of information input.

118.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34680] "requestedExecutionDate" must be a business day of currency.	Future date check for requested ExecutionDate	Provide the error text to PSU, and ask for correction of information input.
119.	11-2 14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34681] "requestedExecutionDate" must be a business day of the settlement account office.	Business day check for requestedExecutionDate	Provide the error text to PSU, and ask for correction of information input.
120.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34684] Please correct "serviceLevel".	serviceLevel value check	Provide the error text to PSU, and ask for correction of information input.
121.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34136] The account set in "Settlement Account" is incorrect, or you have no access privilege.	debtorAccount existence check	Provide the error text to PSU, and ask for correction of information input.
122.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34685] "serviceLevel" must not be specified for this debtor account office.	serviceLevel input availability check	Provide the error text to PSU, and ask for correction of information input.
123.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34685] {$0}Integer of amount must be within 13 digits. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	Integer digit check for Amount	Provide the error text to PSU, and ask for correction of information input.
124.	11-3	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E34015] {$0}Decimal of amount	Decimal digit check for Amount	Provide the error text to PSU,

	14-2		request	time				must be within 2 digits. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2		and ask for correction of information input.
125.	11-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34689] "creditorAccount" contains characters which are not supported by SWIFT.	Acceptable character check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
126.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34726] {$0}"creditorAddress3" contains characters which are not supported by SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-2	Acceptable character check for creditorAddress3	Provide the error text to PSU, and ask for correction of information input.
127.	11-3 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34731] {$0}The format of "creditorAccount" is incorrect. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the f	creditorAccount format check	Provide the error text to PSU, and ask for correction of information input.

								ollowing API code: 14-2		
128.	11-3 11-4 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34699] "requestedExecutionDate" must be a business day of the debtor account office.	Branch business day check for requestedExecutionDate	Provide the error text to PSU, and ask for correction of information input.
129.	11-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36160] Please correct Profile Name.	profileName availability check	Provide the error text to PSU, and ask for correction of information input.
130.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36172] {$0}Please set a 6-digit sort code of "creditorAgentClearingSystemMemberId". {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Number of characters check for creditorAgentClearingSystemMemberId	Provide the error text to PSU, and ask for correction of information input.
131.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36173] {$0}"creditorAccount" must be 8 digits. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Number of characters check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
132.	11-4	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E36176] {$1}Integer of amount	Integer digit check for creditorAc	Provide the error text to PSU,

	14-3		request	time				must be within {$0} digits for this debtor account office. {$0}: Maximum number of integer digits at the settlement account holding branch. {$1}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	count	and ask for correction of information input.
133.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36028] {$1}Decimal of amount must be within {$0} digits. {$0}: Maximum number of decimal digits at the settlement account holding branch. {$1}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Decimal digit check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
134.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36177] {$0}"creditorName" contains characters which cannot be used in UK Low Value Payment.	Acceptable character check for creditorName	Provide the error text to PSU, and ask for correction of information input.

								{$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3		
135.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36179] {$0}"creditorAccount" contains characters which cannot be used in UK Low Value Payment. {$0}:Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Acceptable character check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
136.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36180] {$0}"remittanceInformationUnstructured" contains characters which cannot be used in UK Low Value Payment. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Acceptable character check for remittanceInformationUnstructured	Provide the error text to PSU, and ask for correction of information input.
137.	11-4	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E36181] Please register Base Curr	Base currency registration check	Provide the error text to PSU,

			request	time				ency.		and ask for correction of information input.
138.	11-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36182] Please register the exchange rate for the specified currency.	Conversion rate obtainment check	Provide the error text to PSU, and ask for correction of information input.
139.	11-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36187] The transaction amount can not exceed 1,000,000 GBP for Faster Payments.	Maximum amount check	Provide the error text to PSU, and ask for correction of information input.
140.	11-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36169] Debtor account contains characters which cannot be used in UK Low Value Payment.	Acceptable character check for Debtor account	Provide the error text to PSU, and ask for correction of information input.
141.	11-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36189] Payment Information ID contains characters which cannot be used in UK Low Value Payment.	Acceptable character check for Payment Information ID	Provide the error text to PSU, and ask for correction of information input.
142.	11-4 14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36174] {$0}The currency of "instructedAmount" must be "GBP". {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}: ※ {$0} is displayed only for the following API code: 14-3	Fixed value check for currency	Provide the error text to PSU, and ask for correction of information input.
143.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33613] "paymentType" must be either "1" (Book Transfer), "2" (Do	Fixed value check for paymentType	Provide the error text to PSU, and ask for correction of

								mestic Remittance), or "3" (Foreign Remittance).		information input.
144.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33555] "serviceLevel" must be either blank or "NURG" (Non RTGS (Non Urgent)).	Fixed value check for serviceLevel	Provide the error text to PSU, and ask for correction of information input.
145.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33556] "chargeBearer" must be either "SHAR", "CRED", "DEBT", or "SLEV".	Fixed value check for chargeBearer	Provide the error text to PSU, and ask for correction of information input.
146.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33557] "exchangeRateInformation" must be either "NOEX", "SPOT", or "AGRD".	Fixed value check for exchangeRateInformation	Provide the error text to PSU, and ask for correction of information input.
147.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33559] "country" of "creditorAddress" must be an ISO 2-digit country code.	Fixed value check for country of creditorAddress	Provide the error text to PSU, and ask for correction of information input.
148.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33560] "country" of "creditorAgentAddress" must be an ISO 2-digit country code.	Fixed value check for country of creditorAgentAddress	Provide the error text to PSU, and ask for correction of information input.
149.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33561] "country" of "ultimateDebtorAddress" must be an ISO 2-digit country code.	Fixed value check for country of ultimateDebtorAddress	Provide the error text to PSU, and ask for correction of information input.
150.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33562] "country" of "ultimateCreditorAddress" must be an ISO 2-digit country code.	Fixed value check for country of ultimateCreditorAddress	Provide the error text to PSU, and ask for correction of information input.

151.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33563] "regulatoryReportingInformationToDebtorAgent" must not be set.	regulatoryReportingInformationToDebtorAgent input availability check	Provide the error text to PSU, and ask for correction of information input.
152.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33564] "regulatoryReportingInformationToCreditorAgent" must not be set when Payment Type is "1" (Book Transfer) or "2" (Domestic Remittance).	Combination check for regulatoryReportingInformationToCreditorAgent	Provide the error text to PSU, and ask for correction of information input.
153.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33565] "townName" of "creditorAddress" must be set when Payment Type is "2" (Domestic Remittance) or "3" (Foreign Remittance).	Combination check for Creditor Information	Provide the error text to PSU, and ask for correction of information input.
154.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33566] "country" of "creditorAddress" must be set when Payment Type is "2" (Domestic Remittance) or "3" (Foreign Remittance).	Combination check for Creditor Information	Provide the error text to PSU, and ask for correction of information input.
155.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33567] "iban" of "chargeAccount" and "bban" of "chargeAccount" cannot be specified at once.	Combination check for charge Account	Provide the error text to PSU, and ask for correction of information input.
156.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33568] "currency" of "chargeAccount" must be set when "iban" of "chargeAccount" is set.	Combination check for charge Account	Provide the error text to PSU, and ask for correction of information input.
157.	11-5	200	ID of each	Execution	RJCT	ERROR	BUSINESS_ERROR	[E33569] "paymentType" is incorre	Validation check for paymentT	Provide the error text to PSU,

			request	time				ct.	ype	and ask for correction of information input.
158.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33570] "paymentType" must not be "1" (Book Transfer) when "payment-product" is {$1}.	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
159.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33570] "paymentType" must not be "1" (Book Transfer) when "payment-product" is {$1}.	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
160.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33571] "paymentType" must not be "2" (Domestic Remittance) when "payment-product" is {$1}.	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
161.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33572] "paymentType" must not be "3" (Foreign Remittance) when "payment-product" is {$1}.	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
162.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33572] "paymentType" must not be "3" (Foreign Remittance) when "payment-product" is {$1}.	Combination check for paymentType	Provide the error text to PSU, and ask for correction of information input.
163.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33472] "contractId" contains characters which are not supported by SWIFT.	Acceptable character check for contractId	Provide the error text to PSU, and ask for correction of information input.
164.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33573] "bban" of "creditorAccount" contains characters which are not supported by SWIFT.	Acceptable character check for bban of creditorAccount	Provide the error text to PSU, and ask for correction of information input.

165.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33574] "iban" of "creditorAccount" contains characters which are not supported by SWIFT.	Acceptable character check for iban of creditorAccount	Provide the error text to PSU, and ask for correction of information input.
166.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33575] "streetName" of "creditorAgentAddress" contains characters which are not supported by SWIFT.	Acceptable character check for streetName of creditorAgentAddress	Provide the error text to PSU, and ask for correction of information input.
167.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33576] "townName" of "creditorAgentAddress" contains characters which are not supported by SWIFT.	Acceptable character check for townName of creditorAgentAddress	Provide the error text to PSU, and ask for correction of information input.
168.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33577] "postCode" of "creditorAgentAddress" contains characters which are not supported by SWIFT.	Acceptable character check for postCode of creditorAgentAddress	Provide the error text to PSU, and ask for correction of information input.
169.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33578] "streetName" of "creditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for streetName of creditorAddress	Provide the error text to PSU, and ask for correction of information input.
170.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33579] "townName" of "creditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for townName of creditorAddress	Provide the error text to PSU, and ask for correction of information input.
171.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33580] "postCode" of "creditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for postCode of creditorAddress	Provide the error text to PSU, and ask for correction of information input.
172.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33581] "ultimateDebtor" contains characters which are not supporte	Acceptable character check for ultimateDebtor	Provide the error text to PSU, and ask for correction of

								d by SWIFT.		information input.
173.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33582] "streetName" of "ultimateDebtorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for streetName of ultimateDebtorAddress	Provide the error text to PSU, and ask for correction of information input.
174.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33583] "townName" of "ultimateDebtorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for townName of ultimateDebtorAddress	Provide the error text to PSU, and ask for correction of information input.
175.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33584] "postCode" of "ultimateDebtorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for postCode of ultimateDebtorAddress	Provide the error text to PSU, and ask for correction of information input.
176.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33585] "ultimateCreditor" contains characters which are not supported by SWIFT.	Acceptable character check for ultimateCreditor	Provide the error text to PSU, and ask for correction of information input.
177.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33586] "streetName" of "ultimateCreditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for streetName of ultimateCreditorAddress	Provide the error text to PSU, and ask for correction of information input.
178.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33587] "townName" of "ultimateCreditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for townName of ultimateCreditorAddress	Provide the error text to PSU, and ask for correction of information input.

179.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33588] "postCode" of "ultimateCreditorAddress" contains characters which are not supported by SWIFT.	Acceptable character check for postCode of ultimateCreditorAddress	Provide the error text to PSU, and ask for correction of information input.
180.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33589] "regulatoryReportingInformationToCreditorAgent" contains characters which are not supported by SWIFT.	Acceptable character check for regulatoryReportingInformationToCreditorAgent	Provide the error text to PSU, and ask for correction of information input.
181.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33590] "instructionForDebtorAgent" contains characters which are not supported by SWIFT.	Acceptable character check for instructionForDebtorAgent	Provide the error text to PSU, and ask for correction of information input.
182.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33617] "contractId" must not be set when "exchangeRateInformation" is "NOEX".	Combination check for contractId, exchangeRateInformation (exchangeRateInformation is NOEX)	Provide the error text to PSU, and ask for correction of information input.
183.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33618] "contractId" must not be set when "exchangeRateInformation" is "SPOT".	Combination check for contractId, exchangeRateInformation (exchangeRateInformation is SPOT)	Provide the error text to PSU, and ask for correction of information input.
184.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33619] "creditorAgentNationalClearingCode" must be set within 33 characters.	Number of characters check for creditorAgentNationalClearingCode.	Provide the error text to PSU, and ask for correction of information input.

185.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33620] "creditorAgentNationalClearingCode" must not be set when "paymentType" is "1" (Book Transfer).	Combination check for paymentType and creditorAgentNationalClearingCode.	Provide the error text to PSU, and ask for correction of information input.
186.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33621] "creditorAgentNationalClearingCode" must not be set when "paymentType" is "3" (Foreign Remittance).	Combination check for paymentType and creditorAgentNationalClearingCode.	Provide the error text to PSU, and ask for correction of information input.
187.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33622] Either "creditorAgentBIC", "creditorAgentName" or "creditorAgentNationalClearingCode" must be entered when the "paymentType" is "2" (Domestic Remittance).	Combination check for paymentType, creditorAgentBIC, creditorAgentName and creditorAgentNationalClearingCode.	Provide the error text to PSU, and ask for correction of information input.
188.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33623] "creditorAgentNationalClearingCode" is incorrect.	Validation check for creditorAgentNationalClearingCode.	Provide the error text to PSU, and ask for correction of information input.
189.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33591] "contractId" must be set when "exchangeRateInformation" is "AGRD".	Combination check for contractId, exchangeRateInformation (exchangeRateInformation is AGRD)	Provide the error text to PSU, and ask for correction of information input.
190.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33592] "contractId" must not be set when "exchangeRateInformatio	Combination check for contractId, exchangeRateInformatio	Provide the error text to PSU, and ask for correction of

								n" is "SALE".	n (exchangeRateInformation is SALE)	information input.
191.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33595] Please set "creditorAgent BIC" or "creditorAgentName".	Combination check for Credito r Bank Information	Provide the error text to PSU, and ask for correction of information input.
192.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33596] "creditorAgentName" mus t be set when either field of "credi torAgentAddress" except for "buildi ngNumber" is set.	Combination check for Credito r Bank Information	Provide the error text to PSU, and ask for correction of information input.
193.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33597] "townName" of "creditor AgentAddress" must be set when " creditorAgentName" or address fiel ds of Creditor Agent Address is set for this "Payment Type".	Combination check for Credito r Bank Information	Provide the error text to PSU, and ask for correction of information input.
194.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33598] "country" of "creditorAge ntAddress" must be set when "cre ditorAgentName" or address fields of Creditor Agent Address is set fo r this "Payment Type".	Combination check for Credito r Bank Information	Provide the error text to PSU, and ask for correction of information input.
195.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33599] "ultimateDebtor" must be set when address fields of ultimat eDebtorAddress is set.	Combination check for Ultimat eDebtor Information	Provide the error text to PSU, and ask for correction of information input.

196.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33600] "townName" of "ultimateDebtorAddress" must be set when "ultimateDebtor" or address fields of ultimateDebtorAddress is set.	Combination check for UltimateDebtor Information	Provide the error text to PSU, and ask for correction of information input.
197.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33601] "country" of "ultimateDebtorAddress" must be set when "ultimateDebtor" or address fields of ultimateDebtorAddress is set.	Combination check for UltimateDebtor Information	Provide the error text to PSU, and ask for correction of information input.
198.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33602] "ultimateCreditor" must be set when address fields of ultimateCreditorAddress is set.	Combination check for UltimateCreditor Information	Provide the error text to PSU, and ask for correction of information input.
199.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33603] "townName" of "ultimateCreditorAddress" must be set when "ultimateCreditor" or address fields of ultimateCreditorAddress is set.	Combination check for UltimateCreditor Information	Provide the error text to PSU, and ask for correction of information input.
200.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33604] "country" of "ultimateCreditorAddress" must be set when "ultimateCreditor" or address fields of ultimateCreditorAddress is set.	Combination check for UltimateCreditor Information	Provide the error text to PSU, and ask for correction of information input.
201.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33605] "regulatoryReportingInformationToCreditorAgent" must be set for the specified country of creditorAgentAddress.	Combination check for regulatoryReportingInformationToCreditorAgent	Provide the error text to PSU, and ask for correction of information input.

202.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33606] The currency of "debtorAccount" must be the same as currency when "exchangeRateInformation" is "NOEX".	Combination check for exchangeRateInformation	Provide the error text to PSU, and ask for correction of information input.
203.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33607] The currency of "debtorAccount" must be different from currency when "exchangeRateInformation" is "SPOT".	Combination check for exchangeRateInformation	Provide the error text to PSU, and ask for correction of information input.
204.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33608] The currency of "debtorAccount" must be different from currency when "exchangeRateInformation" is "AGRD".	Combination check for exchangeRateInformation	Provide the error text to PSU, and ask for correction of information input.
205.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33609] The currency of "debtorAccount" must be different from currency when "exchangeRateInformation" is "SALE".	Combination check for exchangeRateInformation	Provide the error text to PSU, and ask for correction of information input.
206.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33610] "bban" of "chargeAccount" or "iban" of "chargeAccount" must not be set when "chargeBearer" is creditor.	Combination check for chargeAccount	Provide the error text to PSU, and ask for correction of information input.
207.	14-1 14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34700] You do not have access privilege to apply instructions with Confidential setting. Please contact	Confidential privilege check	Provide the error text to PSU, and ask for correction of information input.

								your administrator.		
208.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34701] "paymentInformationId" contains characters which are not supported by SWIFT.	Acceptable character check for paymentInformationId	Provide the error text to PSU, and ask for correction of information input.
209.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34702] A slash (/) is included at the beginning or end of "paymentInformationId",or a double slash (//) is included in "paymentInformationId".	Slash character check for "paymentInformationId"	Provide the error text to PSU, and ask for correction of information input.
210.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34703] {$0}"creditorAccount" does not comply with IBAN requirements. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}:	Acceptable character check for creditorAccount	Provide the error text to PSU, and ask for correction of information input.
211.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34717] {$0}"creditorAgent" is invalid. (Alphabets must be in capital letters). {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}:	Acceptable character check for creditorAgent	Provide the error text to PSU, and ask for correction of information input.
212.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34717] {$0}"creditorAgent" is invalid.	creditorAgent existence check	Provide the error text to PSU, and ask for correction of

								{$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}:		information input.
213.	14-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34720] "creditorAgent" must be 8 or 11 characters long.	Number of characters check for creditorAgent	Provide the error text to PSU, and ask for correction of information input.
214.	14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34722] Confidential and ServiceLevel cannot be specified at once.	Confidential duplicate check	Provide the error text to PSU, and ask for correction of information input.
215.	14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34690] {$0}"creditorName" contains characters which cannot be used in SWIFT. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}:	Acceptable character check for creditorName	Provide the error text to PSU, and ask for correction of information input.
216.	14-2	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34107] Confidential cannot be specified when there is only 1 transaction.	Number of instruction check	Provide the error text to PSU, and ask for correction of information input.
217.	14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36189] Payment Information ID contains characters which cannot be used in UK Low Value Payment.	Acceptable character check for Payment Information ID	Provide the error text to PSU, and ask for correction of information input.
218.	14-3	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36196] {$0}The transaction amount can not exceed 1,000,000 GBP	Maximum amount check	Provide the error text to PSU, and ask for correction of

								for Faster Payments. Please delete the transaction(s) that exceed this limit. {$0}: Transaction of {amount of erroneous transaction} {currency of erroneous transaction}:		information input.
219.	14-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36090] Total Amount must be larger than 0.	Number of characters check for Total Amount	Provide the error text to PSU, and ask for correction of information input.
220.	14-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36042] Integer of Total Amount must be within 13 digits.	Number of characters check for Total Amount	Provide the error text to PSU, and ask for correction of information input.
221.	14-4	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E36043] Decimal of Total Amount must be within 2 digits.	Number of characters check for Total Amount	Provide the error text to PSU, and ask for correction of information input.
222.	02 13	403	ID of each request	Execution time	RJCT	ERROR	RESOURCE_UNKNOWN	[E38002] There is no payment ID to display.	payment ID existence check	Provide the error text to PSU, and ask for correction of information input.
223.	02 13	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E38001] There is no account to display.	Account information existence check	Provide the error text to PSU, and ask for correction of information input.
224.	02 13	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E38006] There is no instruction to display.	Payment information existence check	Provide the error text to PSU, and ask for correction of

										information input.
225.	03	400	ID of each request	Execution time	(no field)	ERROR	RESOURCE_UNKNOWN	[E10132] Consent information cannot be obtained.	Consent information obtainment check	Provide the error text to PSU, and ask for correction of information input.
226.	03 08	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E10130] Account information cannot be obtained.	Account information obtainment check	Provide the error text to PSU, and ask for correction of information input.
227.	03 04 05 07 08 17 18	429	ID of each request	Execution time	(no field)	ERROR	ACCESS_EXCEEDED	[E10133] Maximum {$0} inquiries can be displayed per day. {$0}: frequencyPerDay の設定値	Maximum inquiries check	Provide the error text to PSU, and ask for correction of information input.
228.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20047] The consent ID is not correct. Please check the consent ID and try again.	Consent information check	Provide the error text to PSU, and ask for correction of information input.
229.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20052] There is no account to display.	Account information existence check	Provide the error text to PSU, and ask for correction of information input.
230.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20049] The selected account is not an "Account Permitted" for inquiry or has been deleted.	Account balance transaction inquiry privilege check	Provide the error text to PSU, and ask for correction of information input.

231.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20051] There is no account to display or you do not have the privilege for this operation.	User privilege check	Provide the error text to PSU, and ask for correction of information input.
232.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20049] The selected account is not an "Account Permitted" for inquiry or has been deleted.	User privilege check (Account balance transaction inquiry privilege check)	Provide the error text to PSU, and ask for correction of information input.
233.	04	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20052] There is no account to display.	Number of account balances check	Provide the error text to PSU, and ask for correction of information input.
234.	04	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20048] The number of results has exceeded 500 the maximum number of results that can be displayed.	Maximum number of account balances check	Provide the error text to PSU, and ask for correction of information input.
235.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20054] There is no data to display. Please contact your servicing MUFG Bank office for further assistance.	MT940 serial number check	Provide the error text to PSU, and ask for correction of information input.
236.	04 05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20054] There is no data to display. Please contact your servicing MUFG Bank office for further assistance.	MT942 serial number check	Provide the error text to PSU, and ask for correction of information input.
237.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20061] “dateFrom” must be in YYYY-MM-DD format.	"dateFrom" format check	Provide the error text to PSU, and ask for correction of information input.
238.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20061] “dateTo” must be blank or in YYYY-MM-DD format.	"dateTo" check	Provide the error text to PSU, and ask for correction of inform

										ation input.
239.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20041] "bookingStatus" in query parameter must be "booked".	"bookingStatus" check	TPP corrects the field setting based on the specifications.
240.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20043] "withBalance" in query parameter must be either "true", "false" or blank.	"withBalance" check	TPP corrects the field setting based on the specifications.
241.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20042] "dateFrom" and "dateTo" in query parameter are in conflict.	Date selection check	Provide the error text to PSU, and ask for correction of information input.
242.	05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E20045] Please specify a date that is within the data retention period.	Date selection available range check	Provide the error text to PSU, and ask for correction of information input.
243.	05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20055] There is no transaction to display.	Number of transactions check	Provide the error text to PSU, and ask for correction of information input.
244.	05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20048] The number of results has exceeded 300, the maximum number of results that can be displayed.	Maximum number of transactions check	Provide the error text to PSU, and ask for correction of information input.
245.	05	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E20059] There is no transaction to display. Please change the criteria and search again.	Number of transactions check (Number of work TBLs check)	Provide the error text to PSU, and ask for correction of information input.
246.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set "accounts".	Existence check for accounts of access	Provide the error text to PSU.

247.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10142] "accounts", "balances", "transactions", "availableAccountsWithBalance", and "allPsd2" must not be set when "availableAccounts" is set.	Combination check for availableAccounts of access	Provide the error text to PSU.
248.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10143] "accounts", "balances", "transactions", "availableAccounts", and "allPsd2" must not be set when "availableAccountsWithBalance" is set.	Combination check for availableAccountsWithBalance of access	Provide the error text to PSU.
249.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10144] "accounts", "balances", "transactions", "availableAccounts", and "availableAccountsWithBalance" must not be set when "allPsd2" is set.	Combination check for allPsd2 of access	Provide the error text to PSU.
250.	06 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10145] An IBAN and BBAN cannot be specified at once.	Combination check for iban/bban of access	Provide the error text to PSU.
251.	06 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10146] "currency" must be set when IBAN is set.	Combination check for iban/currency of access	Provide the error text to PSU.
252.	07 17	403	ID of each request	Execution time	(no field)	ERROR	RESOURCE_UNKNOWN	[E10138] There is no valid consent data.	Consent validity information existence check	Provide the error text to PSU, and ask for correction of information input.
253.	07	400	ID of eac	Execution	(no field)	ERROR	SERVICE_INVALID	[E10126] You do not have the priv	User privilege check	Provide the error text to PSU,

	17		h request	time				ilege for this operation.		and ask for correction of information input.
254.	07 17	400	ID of eac h request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E10139] The information set cont ains accounts outside of Europe.	API availability check for branch	Provide the error text to PSU, and ask for correction of information input.
255.	07 17	400	ID of eac h request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E10136] There is no consent data or consent data has been deleted.	Consent validity information exist ence check	Provide the error text to PSU, and ask for correction of information input.
256.	08 18	400	ID of eac h request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E10131] Consent information cann ot be obtained or account informat ion cannot be obtained.	Consent information obtainment check	Provide the error text to PSU, and ask for correction of information input.
257.	01 06 12 15 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “Content-Type”.	Content-Type existence check	TPP corrects the field setting based on the specifications.
258.	01 06 12 15 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set "application/json" in " Content-Type".	Fixed value check for Content-Type	TPP corrects the field setting based on the specifications.
259.	01 06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “requestId”.	requestId existence check	Provide the error text to PSU.

	12 15 16									
260.	01 06 12 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “GCMSPlusCustomerId”.	GCMSPlusCustomerId existence check	Provide the error text to PSU.
261.	01 06 12 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “GCMSPlusUserId”.	GCMSPlusUserId existence check	Provide the error text to PSU.
262.	01 06 12 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “COMSUITECustomerId”.	COMSUITECustomerId existence check	Provide the error text to PSU.
263.	01 06 12 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “COMSUITEUserId”.	COMSUITEUserId existence check	Provide the error text to PSU.
264.	01 12	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “CSID”.	CSID existence check	Provide the error text to PSU.
265.	01 ～	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set "X-Request-ID".	X-Request-ID existence check	TPP corrects the field setting based on the specifications.

	08 12 13 15 ～ 18									
266.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E50028] "X-Request-ID" must be in the following format of 8-4-4-4-12 alphanumeric characters (X represents a character):XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX	X-Request-ID format check	TPP corrects the field setting based on the specifications.
267.	01 06 12 15 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “requestId”.	requestId existence check	TPP corrects the field setting based on the specifications.
268.	03 04 05	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “Consent-ID”.	Consent-ID existence check	TPP corrects the field setting based on the specifications.
269.	01	400	ID of each	Execution	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set	PSU-IP-Address existence check	TPP corrects the field setting

	～ 08 12 13 15 ～ 18		request	time				"PSU-IP-Address".		based on the specifications.
270.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-IP-Port”.	PSU-IP-Port existence check	TPP corrects the field setting based on the specifications.
271.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Accept”.	PSU-Accept existence check	TPP corrects the field setting based on the specifications.

272.	01 ~ 08 12 13 15 ~ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Accept-Charset”.	PSU-Accept-Charset existence check	TPP corrects the field setting based on the specifications.
273.	01 ~ 08 12 13 15 ~ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Accept-Encoding”.	PSU-Accept-Encoding existence check	TPP corrects the field setting based on the specifications.
274.	01 ~ 08 12 13 15 ~	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Accept-Language”.	PSU-Accept-Language existence check	TPP corrects the field setting based on the specifications.

	18									
275.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-User-Agent”.	PSU-User-Agent existence check	TPP corrects the field setting based on the specifications.
276.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Http-Method”.	PSU-User-Agent existence check	TPP corrects the field setting based on the specifications.
277.	01 ～ 08 12 13 15	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Device-ID”.	PSU-Device-ID existence check	TPP corrects the field setting based on the specifications.

	～ 18									
278.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “PSU-Geo-Location”.	PSU-Geo-Location existence check	TPP corrects the field setting based on the specifications.
279.	01 ～ 08 12 13 15 ～ 18	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “Client-Id”.	Client-Id existence check	TPP corrects the field setting based on the specifications.
280.	01 06 12 16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “requestId”.	requestId existence check	TPP corrects the field setting based on the specifications.
281.	06	400	ID of each	Execution	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “ConsentOkNg”.	ConsentOkNg existence check	TPP corrects the field setting b

			request	time						ased on the specifications.
282.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “resource-owner”.	resource-owner existence check	TPP corrects the field setting b ased on the specifications.
283.	06	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10081] Please set “access-token”.	access-token existence check	TPP corrects the field setting b ased on the specifications.
284.	09	400	ID of each request	Execution time	(no field)	ERROR	SERVICE_INVALID	[E19023] Please contact your servicing MUFG Bank office for further assistance.	requestId check.	TPP corrects the field setting b ased on the specifications.
285.	16	400	ID of each request	Execution time	(no field)	ERROR	FORMAT_ERROR	[E10147] Please set IBAN or BBAN.	Combination check for iban/bban of account	Provide the error text to PSU.
286.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E34676] "creditorAgentBIC" must be 8 or 11 characters long.	SWIFT BIC length check	Provide the error text to PSU, and ask for correction of inform ation input.
287.	11-1 11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33499] The format of "creditorAgentBIC" must comply with SWIFT requirements.	SWIFT BIC data format check	Provide the error text to PSU, and ask for correction of inform ation input.
288.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33624] Country of Beneficiary is mandatory since the GCMS Plus service is contracted with MUFG US branches (i.e. Chicago, Los Angeles, or New York).	Combination check for the input data	Provide the error text to PSU, and ask for correction of inform ation input.
289.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33625] City of Beneficiary is mandatory since the GCMS Plus	Combination check for the input data	Provide the error text to PSU, and ask for correction of inform

								service is contracted with MUFG US branches (i.e. Chicago, Los Angeles, or New York).		ation input.
290.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33626] Country of Beneficiary Bank is mandatory since the GCMS Plus service is contracted with MUFG US branches (i.e. Chicago, Los Angeles, or New York).	Combination check for the input data	Provide the error text to PSU, and ask for correction of information input.
291.	11-5	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33627] City of Beneficiary Bank is mandatory since the GCMS Plus service is contracted with MUFG US branches (i.e. Chicago, Los Angeles, or New York).	Combination check for the input data	Provide the error text to PSU, and ask for correction of information input.
292.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33628] The instruction must be created in compliance with ISO20022 requirement.	Judgement of the PaymentType (PAT)	Provide the error text to PSU, and ask for correction of information input.
293.	11-1	200	ID of each request	Execution time	RJCT	ERROR	BUSINESS_ERROR	[E33629] Specified Value Date is not available. Please refer to the Online Manual.	Application suspension date validation check	Provide the error text to PSU, and ask for correction of information input.

*Relationship between each code value and target API is as follows.

01: POST_/v1/payments/{payment-product}

02: GET_/v1/payments/{payment-product}/{paymentId}/status

03: GET_/v1/accounts

04: GET_/v1/accounts/{account-id}/balances

05: GET_/v1/accounts/{account-id}/transactions

06: POST_/v1/consents

07: GET_/v1/consents/{consentId}

08: DELETE_/v1/consents/{consentId}

09: GET_/authorize

10: POST_/token

11: Errors occurred with POST payments, and returned with GET payments

- 11-1: Payments, Foreign Remittance
- 11-2: SEPA Credit Transfer
- 11-3: Domestic Credit Transfer (Europe)
- 11-4: UK Low Value Payment
- 11-5: Payments(iso-20022), Foreign Remittance(iso-20022)

12: POST_/v1/bulk-payments/{payment-product}

13: GET_/v1/bulk-payments/{payment-product}/{paymentId}/status

14: Errors occurred with POST bulk-payments, and returned with GET bulk-payments

- 14-1 : SEPA Credit Transfer
- 14-2 : Domestic Credit Transfer (Europe)
- 14-3 : UK Low Value Payment

15: POST_/v1/ funds-confirmations

16: POST_/v2/consents/confirmation-of-funds

17: GET_/v2/consents/confirmation-of-funds/{consentId}

18: DELETE_/v2/consents/confirmation-of-funds/{consentId}

6.3 List of errors (authorize error)

Error information to be returned on the screen display for PSU by GET_/authorize. Not returned for TPP.

#	Message	Cause
1	There is no beneficiary to display. Please change the criteria and search again.	Beneficiary information existence check
2	The {$0} set in parameter is incorrect. Please check the content and try again. {$0}: Inadequate field	Oauth2.0 field check
3	Selected service is not available. Please try again after a while.	System error
4	Log-in failed. Please confirm the following. - In the case that Customer ID, User ID, Password or One Time Password is incorrect, you cannot log in. Please check the information you entered and try again. - In the case that you have a contract with any of the following offices and your OTP token has not been activated, you cannot log in. Please confirm with your administrator. Contracting offices: (The information cannot be displayed. Please contact your servicing MUFG Bank office.)	Login information check
5	Login has been canceled since there was no operation for a while. Please login again.	Timeout check
6	This OTP Token has expired. Please login with the new device.	OTP token expiration check
7	Login unsuccessful. Please check the information you entered and try again.	OTP continuous use check
8	You do not have the privilege for this operation.	Multiple operation privilege check

9	User who has multiple GCMS Plus user ID can not use COMSUITE API service.	Multiple user ID existence check
10	Your Password has expired. Please change your password.	Password expiration check
11	You did not proceed to the TPP screen by pressing the "cancel" button on the Consent Screen.	Consent agreement check
12	Please contact your servicing MUFG Bank office for further assistance.	HTTP header inadequacy check

Revision history

Date	Version	Detail of change
14th Mar 2019	Version 1.0	First Publish
16th May 2019	Version 1.1	Fixed minor errata covered by Berlin Group
25th July 2019	Version 1.2	1.5.1 Creation of a Single Payment ➢ Request Body In case of Payments, Foreign Remittance - Changed creditorAccount's Condition row from "O" to "M". - Changed creditorAgentCountry's Condition row from "O" to "C" and added Description. - Changed the description row of creditorAgentBranchNameAddress from "Beneficiary organization branch address" to "Beneficiary organization branch name / address / city"
14th September 2019	Version 1.3	5.2.4 List of errors of Error Registration Tool OA00000007 - Changed moreInformation from "Client id missing" to "Client id in wrong location". OA00000046 - Changed erorr from "invalid_request" to "unknown". OA00000047 - Changed erorr from "unsupported_grant_type" to "unknown". 6.1 List of error codes (Validation/system error) 2 - Changed erorr from "invalid_request" to "unknown". 3 - Changed erorr from "unsupported_grant_type" to "unknown". 307 - Added erorr message. 6.2 List of errors (business error) 226 - Added erorr message. 1.5.3 Inquiry of Applied Single Payment 1.5.4 Inquiry of Applied Bulk Payment

		- Modified the summary column.
13th December 2019	Version 1.4	1.4 List of APIs provided 1.5 API I/F definition 5.1.1 Functions to be provided 5.2.1 I/F definition of Test Facility - Added APIs. 1.5.11 Confirmation of funds availability Request Header - Added items. 5.2.3 I/F definitions of Error Registration Tool Request Body - Added apiCodes. 6.1 List of error codes (Validation/system error) 6.2 List of errors (business error) - Added errors.
14th March 2020	Version 1.5	5.1.1 Functions to be provided 5.2.1 I/F definition of Test Facility 5.2.3 I/F definitions of Error Registration Tool - Deleted old version FCS API
25th October 2021	Version 1.6	1.5.1 Creation of a Single Payment 1.5.2 Creation of Bulk Payment - Changed “requestedExecutionDate” in Request Body from Mandatory to Optional (except UK Low Value Payment) - Changed the payment menu names of GCMS Plus 6.1 List of error codes (Validation/system error) - Deleted error.

25th February 2022	Version 1.7	1.5.1 Creation of Consent - Added description for frequencyPerDay of Request Body. 1.5.1 Creation of a Single Payment 1.5.1 Creation of a Single Payment 1.5.8 Creation of Consent 1.5.12 Creation of Consent(FCS) - Changed description for href of Response Body. - Changed response example. 1.5.15 Issuance of Authorization Code - Changed URI. - Changed description for client_id of Query Parameters (Request). 2. Operating environment - Added description on OBWAC certificates 5.2.4 List of errors of Error Registration Tool OA00000021 - Modified HTTP Status and httpCode to "430". OA00000035 - Modified HTTP Status and httpCode to "430". 6.1 List of error codes (Validation/system error) #7 - Modified HTTP status and status to "430".
24th February 2023	Version 1.8	1.5.1 Creation of a Single Payment 1.5.2 Creation of Bulk Payment 1.5.3 Inquiry of Applied Single Payment 1.5.4 Inquiry of Applied Bulk Payment - Deleted "domestic-low-value-payments" from available payment service via API. 5.2.4 List of errors of Error Registration Tool 6.1 List of error codes (Validation/system error) 6.2 List of errors (business error) - Deleted error code for "domestic-low-value-payments".

26th September 2023	Version 1.9	6.2 List of errors (business error) #143,158 - Changed text of tppMessage.
25th December 2023	Version 1.10	1.5.1 Creation of a Single Payment 1.5.3 Inquiry of Applied Single Payment - Added GCMS Plus Payment Menu 5.2.4 List of errors of Error Registration Tool 6.1 List of error codes (Validation/system error) 6.1 List of error codes (Validation/system error) 6.2 List of errors (business error)" -Added error code
11th April 2024	Version 1.12	1.5.1 Creation of a Single Payment 6.1 List of error codes (Validation/system error) -Modified Requested execution time Format 6.3 List of errors (business error) 6.4 5.2.4List of errors of Error Registration Tool List of errors (Validation / System error) - Added NCC error code -Delete error code
31st Oct 2024	Version 1.13	1.5.1 Creation of a Single Payment ➢ Description (3) Available payment service - Deleted “Domestic (Single) - CERTIS” ➢ Request Body "sepa-credit-transfers" - Deleted “creditorAddress1”,” creditorAddress2”, “creditorAddressCountry” from Request Body. ➢ Request and response example [Request] "sepa-credit-transfers" - Deleted “creditorAddress1”,” creditorAddress2”, “creditorAddressCountry” from HTTP Body. 1.5.2 Creation of Bulk Payment ➢ Request Body "sepa-credit-transfers"

		- Deleted “creditorAddress1”,” creditorAddress2”, “creditorAddressCountry” from Request Body. ➢ Request and response example [Request] "sepa-credit-transfers" - Deleted “creditorAddress1”,” creditorAddress2”, “creditorAddressCountry” from HTTP Body. 5.2.4 List of errors of Error Registration Tool List of errors (business error) - Deleted error codes related to “creditorAddress1”, “creditorAddress2”, and “creditorAddressCountry” in “sepa-credit-transfers”. 6.2 List of errors (business error) - Deleted error codes related to “creditorAddress1”, “creditorAddress2”, and “creditorAddressCountry” in “sepa-credit-transfers”.
12th Feb 2025	Version 1.14	5.2.4 List of errors of Error Registration Tool List of errors (Validation / System error) - Modified the error message (error code: E34715) 6.2 List of errors (business error) - Modified the error message (error code: E34672)
21st Feb 2025	Version 1.15	List_of_dummy_data.xlsx - Modified the transactions_data sheet
26th June 2025	Version 1.16	6.2 List of errors (business error) - Add new code No.286～No.293

19th Feb 2026	Version 1.17	List_of_dummy_data.xlsx - Modified the transactions_data sheet