



API



EPC Directory Service (EDS): SRTP API specifications

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1 Significant Changes

NA (Initial version)

2 Introduction

2.1 Purpose of the document

These technical specifications document provides information about how to use the EPC Directory Service (EDS) Application Programming Interfaces (APIs).

It covers two EDS SRTP APIs:

- Automated Download Service: API for downloading the full content of the EDS
- EDS Consumer and Provisioning API

The document describes the APIs in JSON format and includes the sample request, the sample response, and the error codes.

About the EDS

More information about the EDS can be found here:

<https://www.europeanpaymentscouncil.eu/what-we-do/other-epc-activities/epc-directory-service>

2.2 Audience

This document is for:

- Operations staff
- Software developers
- Anyone who installs and administers the EDS files and those who must understand the EDS APIs specific to the SRTP scheme.

2.3 Related documentation

- Technical specifications of the EDS Local File
- EDS Web Graphical User Interface (GUI) - User Guide
- EDS Onboarding and Registration Guide

3 The Automated Download Service

The Automated Download Service offers a distribution service through api.swiftrefdata.com*. This service enables users to receive files automatically through an API call over the Internet. An authenticated user can get a personalised list of the file(s) based on the available formats. To secure the integrity of the sensitive data being transferred, All transmissions are encrypted using TLS 1.2 over HTTPS.



* NB: this base URL is for LIVE environment. For TEST/Pilot environments the base URL is different and can be obtained from the EPC.

3.1 Use the Automated Download Service

Procedure

1. Access the service:

Every EDS user registered on swift.com has the access rights to call the Automated Download Service API for getting the EDS local file.

For more information on how to register in the EDS and create EDS users, see the EDS Onboarding and Registration Guide

2. Retrieve the EDS Local File

By using the service base URL along with some additional parameters:

<https://api.swiftrefdata.com/filesdownload/<file name>/<file format>/<frequency>/<date>/<file type>>.

For example:

https://api.swiftrefdata.com/filesdownload/getedsrtp_v1/xml/daily/20250317/full

For more information on the URL, see [Automated Download Service URL Parameters](#).

3. Basic HTTP authentication method

The client application must authenticate through the basic HTTP authentication method. The client application has to set the HTTPS header with the valid swift.com user and password pair. The customer number must be appended to the swift.com user, separated by _ (underscore). The password is a token that can be obtained from the EDS GUI. See Section “Download area” in the [EDS Web GUI](#) specifications for how to obtain the token.

For example:

Login: [edsfile_autodownload@mycompany.com_123456](#)

Password: <token>

The customer number can be found in “MyProfile” after login to www.swift.com



Profiles Personal Info

 **Your Profile**

Customer number	BIC
123456	

For more information, see 3.1.1 [Browser Configuration, User IDs, Passwords](#).

A cookie is returned to the requester because there is an application session maintained on the server.

Tip If the user account is blocked or the user has authentication issues, then see 3.1.1 [Browser Configuration, User IDs, Passwords](#).

4. [Downloaded files](#). All files are compressed to limit the amount of data to transfer. The compressed archive provides files (sha256sum.txt) that contain the hash of transferred files. Use the hash to ensure that the file that is downloaded is not corrupted.

Related information

[SSL Certificates](#)

3.1.1 Browser Configuration, User IDs, Passwords

For more information about browser configuration and user IDs, see the Frequently Asked Questions for SwiftRef* Users:

- [What configuration tasks are needed to access swiftrefdata.com?](#)
- [How do I access remote services \(Automated Download Service and Web Services\)?](#)

*SwiftRef is Swift's payment reference data utility.

3.1.2 TLS Certificates

A Transport Layer Security (TLS) certificate is a digital certificate that authenticates a website's identity and enables an encrypted connection. TLS is a security protocol that creates an encrypted link between a web server and a web browser. TLS works by ensuring that any data transferred between users and websites, or between two systems, remains impossible to read. It uses encryption algorithms to scramble data in transit, which prevents hackers from reading it as it is sent over the connection.



Customers can obtain the SwiftRef root TLS certificates on www.swiftrefdata.com:

<https://www.swiftrefdata.com/final/resources/certificates.zip>

3.1.3 Automated Download Service URL Parameters

Access the automated download service through the base URL:

<https://api.swiftrefdata.com/filesdownload/> completed with additional parameters:

<https://api.swiftrefdata.com/filesdownload/<file name>/<file format>/<frequency>/<date>/<file type>>

NB: the base URL is for LIVE environment. For TEST/Pilot environments the base URL is different and can be obtained from the EPC.

Parameter	Description
file name	The data file that the user wants to download Example Use getedsrtp_v1 to retrieve the EDS SRTP local file data: · EDS-SRTP-V1-F-<YYYY-MM-DD>.<file format> · EULA_EDS.txt · sha256sum.txt
file format	· xml · json · csv
frequency	· daily
date	In the format YYYYMMDD The date is mandatory.
file type	· full

3.2 Available Files

3.2.1 Overview of Files

The Automated Download Service enables the user to download single files.

Example of data file content

If the user needs to download the EDS SRTP V1 daily xml full file, then the user can use getedsrtp_v1 to download a file that contains only the following:

EDS-SRTP-V1-F-<YYYY-MM-DD>.xml



EULA.txt

sha256sum.txt

Additional files

EULA_EDS.txt

This file is included in the downloadable file packages, as appropriate. This file provides information about EDS Terms and Conditions.

sha256sum.txt

The Secure Hash Algorithm (SHA) validates the integrity of EDS files. The SHA256 algorithm generates an almost-unique, fixed-size 256-bit (32-byte) hash.

Related information

3.2.2 Data Files

EDS local file					
File name	Description	Available formats	Available frequencies	Available types	Reference document
getedsrtp_v1	EDS SRTP file	xml json csv	Daily	Full	Technical specs EDS local file

3.2.3 Automated Download Service URL examples

https://api.swiftrefdata.com/filesdownload/getedsrtp_v1/xml/daily/20260519/full

https://api.swiftrefdata.com/filesdownload/getedsrtp_v1/json/daily/20260519/full

https://api.swiftrefdata.com/filesdownload/getedsrtp_v1/csv/daily/20260519/full

3.3 File Formats, Frequencies, Dates, and Types

File formats

Name	Description
xml	eXtensible Markup Language file
json	JavaScript Object Notation file
csv	Comma-Separated Values file

Frequencies

The file is available on a daily basis:



Name	Description
Daily	The file contains all current EDS data, including additions and modifications up to the file date.

Dates

Name	Description
YYYYMMDD	The date of the file that the user wants to download. The date is mandatory.

File types

Name	Description
full	Contains all EDS data

3.4 Return Messages and Errors

The SwiftRef Portfolio Evolution provides comprehensive return messages and error reporting through the standard HTTP errors.

Return message or error	Description
HTTP 200 OK	The standard response for successful HTTP requests. The requested file will be provided. As an additional check, the user can set the response header "Content-Length" to the correct value to manage disk space or to indicate whether the download is correct or incorrect.
HTTP 400 Bad Request	The server cannot understand the request due to incorrect syntax. One or more attributes are either missing or incorrect. Do not repeat the same request without modifications.
HTTP 401 Unauthorised	The user is not authorised to access the Web service. Either the provided credentials are wrong or the user does not have enough privileges.
HTTP 403 Forbidden	The user is authorised to access the Web service, but the download of the requested file is forbidden.
HTTP 404 Not Found	The file that the user requested does not exist.



3.5 Character Set

UTF-8 is a variable-length character encoding standard.

Data in the files that use the UTF-8 character sets.



4 EDS SRTP Consumer and Provisioning API

For readability and consistency, the different API base URLs are represented by the {baseUrl} placeholder.

Throughout Section 4, the term 'EDS SRTP API' refers to both the EDS Consumer API and the EDS Provisioning APIs.

Accept: application/json header is mandatory for all requests.

EDS SRTP API in Live (production) environment	{baseUrl} = https://api.swift.com/eds/srtp/v1
EDS SRTP API in sandbox environment	{baseUrl} = https://sandbox.swift.com/eds/srtp/v1

How to access remote services design

The API follows REST design principles that provide simple and predictable URLs to access data.

- **API calls**
HTTP requests use standard HTTP methods like GET, PUT, POST, and DELETE. This version of the API uses GET, POST and PUT.
- **API responses**
HTTP responses are by default UTF-8 encoded JSON objects.

Type of information retrieved by the EDS SRTP API

This API consists of one Consumer API and seven Provisioning APIs.

1. Consumer API
 - Search for records of EDS file
2. Provisioning APIs
 - Search for the URI records of a scheme participant
 - Create a URI record
 - Modify a URI record
 - Get details of a scheme participant
 - Modify the operational contacts of a scheme participant
 - Modify the VAT ID of a scheme participant



- Modify scheme participation details (options, readiness date, publication in the Local File) of a scheme participant

OpenAPI contract 1.0.0 is the golden source

This document provides information about the API request parameters, the response elements, request samples and responses. It is based on the OpenAPI contract 1.0.0. This contract is considered as the golden source. It is available on Swift Developer Portal <https://developer.swift.com>.

4.1 Version Numbers and Change Policy

The versioning scheme of the EDS SRTP API (that is, the APIs described in this specification) is aligned with the versioning scheme of the Swift API Gateway and with the industry practice. In this scheme, the latest API methods share the same version number. In the future, the version number will be increased for the entire set of API methods at the same time.

The 8 API methods all use version v1.

The format of the version number of the documentation (that is, the EDS SRTP API Technical Specification), the Swagger, as well as the OpenAPI v3 is composed of the EDS SRTP API version number and two additional sub-levels, used for documentation purposes only. (For example, v2.1.2.) The numbers have the following meaning:

Version level	Description
First level Major release	increased in case of a breaking, non-backward compatible change, makes changes to users' applications necessary Example: A breaking change. A mandatory request parameter has been added. Version change is v1> v2.
Second level Medium update	increased in case of a change that is not breaking, makes changes to users' applications recommended but optional Example: An extra response parameter has been added, and all previous response parameters remain as before. Version change is v2.1> v2.2.



Third level Minor update	increased in case of a change that is not breaking, does not require a change in users' applications, but may impact the behaviour of the API methods. Example: A software bug has been fixed. Version change is v2.1.1> v2.1.2.
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Swift will support the two latest main versions of the EDS SRTP API. When the main version is increased (for example, v5), the main version -2 (for example, version 3) will be supported for six months and will then be removed from service. This will be announced in this document.

The types of changes, the changes of the version numbers, the support of older versions, and the discontinuation date of the oldest version are described in the API Change Policy as follows:

Change level	Typical change	Version support	Impact for user	Communication
Minor Change is not breaking and is backward compatible. Change is not immediately noticeable.	Bug fixes. Additional data domains are covered.	The EDS SRTP API remain in version Vx.	No update of user's application necessary.	The change is not announced in the Release Letter. Minor version level of documentation may increase to Vx.y.z+1.
Medium Change is not breaking and is backward compatible. Change is documented.	A request or response parameter is added. Additional input values are accepted. Possible output values change. An error code becomes obsolete.	The EDS SRTP API remain in version Vx.	Recommended but optional update of user's application, which takes advantage of the improvement.	The change is announced in the Release Letter. Medium version level of documentation increases to Vx.y+1.1.



Change level	Typical change	Version support	Impact for user	Communication
Major Change is breaking and is not backward compatible. Change is documented.	A request or response parameter is removed. An API method is removed from service. The authentication mechanism is changed.	Previous major version EDS SRTP API, Vx, remains supported. The major version of the EDS SRTP API x-1 will be discontinued within six months.	Mandatory update of user's application by the announced deadline.	The change is announced in the Release Letter. Major version level of documentation increases to Vx+1.0.1 . The end-of-support date of major version EDS SRTP API x-1 is announced in the Release Letter.

4.2 Available EDS SRTP APIs

API	Description
Consumer API	
Search for records of EDS file	Search for records of the EDS file. Each record describes the relationship between a scheme participant, an EPC scheme to which the participant has adhered (SRTP for this version) and optionally a URI and SRTP BIC associated to the participant. Search without parameters is unallowed, at least a participant BIC or an SRTP BIC filter must be supplied
Provisioning API	
Search for the URI records of a scheme participant.	Search for the SRTP-related API endpoints (and the related attributes required to operate with them) provided by a scheme participant, optionally filtered by attribute values
Create a URI record	Create a record representing an SRTP-related API endpoint (and the related attributes required to operate with it) for a scheme participant
Modify a URI record	Modify an SRTP-related API endpoint (and the related attributes required to operate with it) of a scheme participant
Get details of a scheme participant	Get all SRTP-related details of a scheme participant
Modify operational contacts	Modify the SRTP-related operational contacts of a scheme participant



Modify VAT ID	Modify the VAT ID of a scheme participant
Modify scheme participation details	Modify the options, readiness date, publication in the Local File of a scheme participant

4.3 Parameter and attribute definitions

Name	Description
participant_bic_substring	Part of a scheme participant BIC i.e. the BIC11 used to sign the adherence agreement in the SRTP scheme (case-insensitive). E.g. by supplying "XXX", only records whose participant BIC contains "XXX" or "xxx" (or any case combinations) are returned. example: DEUTDEFF pattern: [a-zA-Z0-9]{2,11}
participant_name_substring	Part of a scheme participant name. i.e. the name of the participant institution as extracted from the EPC ROP (case-insensitive). E.g. by supplying "BANK", only records whose participant name contains "BANK" or "bank" (or any case combinations) are returned. minLength: 2 maxLength: 140 example: deutsche ba
environment	The purpose of the environment, L(ive) or T(est), reachable by the API endpoint. available values: L, T example: L
operation	Type of the SRTP operation request related to the URL API endpoint. minLength: 2 maxLength: 70 example: postRequestToPayRequests
priority_number	Where more than one set of API details have been provided for a single Scheme Operation, the priority number indicates the priority order in which the multiple sets of details should be considered for use. e.g. Number 1 indicates the PRIMARY URL to be used, number 2 indicates a BACKUP URL to be used. multipleOf: 1 minimum: 1 maximum: 99



	example: 2
srtp_bic_substring	Part of the BIC11 of the institution holding the beneficiary's account (case-insensitive). E.g. by supplying "XXX", only records whose URI SRTP BIC list includes a value containing "XXX" or "xxx" (or any case combinations) are returned. minLength: 2 maxLength: 11 example: DEUTBE
offset	The number of records to skip before starting to collect the result set. default value : 0 example : 20
limit	The number of records to return Available values : 10, 20, 50, 100, 200, 500, 1000 default value : 20 example : 20
country_code	2-character ISO 3166-1 country code. pattern: [A-Z]{2} example: DE
participant_name	Name of the participant institution maxLength: 140
participant_bic	Scheme participant BIC, i.e. the BIC11 used to sign the adherence agreement in the scheme (case-insensitive), whose URIs are requested or managed. E.g. by supplying "DEUTDEFFXXX" or "deutdeffxxx", only records whose participant BIC is "DEUTDEFFXXX" are returned. Bank Identifier Code - ISO 9362. pattern:[A-Z]{6}[A-Z2-9][A-NP-Z0-9][A-Z0-9]{3} example:DEUTDEFFXXX
participant_vat_number	Participant VAT number, unique number that identifies a taxable person (business) or non-taxable legal entity that is registered for VAT). In this case for the institution acting as a Scheme Participant, as received from the ROP. Pattern: [A-Z]{2}[0-9A-Z.-]{2,21}
operational_contacts	List of Scheme participant contacts (maximum 5 contacts) MaxLength (of e-mail address): 320 example: user1@example.com
readiness_date	Date on which the participant's adherence to the scheme begins
leaving_date	Date on which the scheme participant terminates adherence to the scheme and ceases to be a participant in that scheme. If available, it must be later than the readiness date.
vat_id	Unique number that identifies a taxable person (business) or non-taxable legal entity that is registered for VAT). In this case for the institution acting as a Scheme Participant. The "vat_id" is to be recorded by the scheme



	participant or its proxy, and can be different from the "vat_number"
roles\code	Role of a scheme participant while operating on a scheme maxLength: 70 example: "CREDSP"
options\code	Option of a scheme on which a scheme participant can operate. maxLength: 70 example: "REDIRE" Code is mandatory when an option is available
options\readiness_date	Date of the activation of the scheme option. example: "2025-02-01" Readiness date is mandatory when an option is available.
options\leaving_date	Date of the removal of the scheme option. If available, it must be later than the readiness date. example: "2025-02-28"
api_uri	The URL specifying the API endpoint that exposes the functionality needed to carry out the scheme operation. maxLength: 2048 example: https://srtpxxx.bankbic.com/srtp/v1/requests-to-pay
api_version	API version number. multipleOf:1 minimum: 1 maximum: 99 example: 2
srtp_bic	SRTP BIC11 of the institution Bank Identifier Code - ISO 9362. pattern: ^[A-Z]{6}[A-Z2-9][A-NP-Z0-9][A-Z0-9]{3}\$ example: DEUTDEFFXXX
srtp_bics	SRTP BIC11's of the institution. Bank Identifier Code - ISO 9362. pattern: ^[A-Z]{6}[A-Z2-9][A-NP-Z0-9][A-Z0-9]{3}\$ example: DEUTDEFFXXX
start_date_time	Attribute used to indicate the validity periods of different versions of an SRTP-related API endpoint, in UTC format. The validity of the different versions of the API endpoint is between the start date of the future one and the end date of the current one. pattern: ^\d{4}-\d{2}-\d{2}T\d{2}:\d{2}:\d{2}Z\$ example: 2025-01-31T12:34:56Z
end_date_time	Attribute used to indicate the validity periods of different versions of an SRTP-related API endpoint, in UTC format. This field is optional for the future version of the API endpoint and mandatory for the current version (when a future version is available). The validity of the different versions of the API endpoint is between the start date of the future one and the end date of the current one.



	pattern: <code>^\d{4}-\d{2}-\d{2}T\d{2}:\d{2}:\d{2}Z\$</code> example: 2025-01-31T12:34:56Z
note	Additional description or usage information of a URI. maxLength: 1000
links\href	URL representing resource/resources related to the current one/ones. example: "https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris?offset=0&limit=20"
links\rel	How this link is related to the current resource/resources example: "first"
links\type	HTTP method to use with this link example: "GET"
uri_id	Unique identifier of the URI to manage. multipleOf: 1 minimum: 1 example: 1234
address	Street name of the Participant as recorded by the EPC during the process of scheme adherence.
city	City of the Participant as recorded by the EPC during the process of scheme adherence.
postal_code	The post code of the Scheme Participant as recorded by the EPC during the process of scheme adherence.
vat_number	This is the unique number that identifies a taxable person (business) or non-taxable legal entity that is registered for VAT) as recorded by the EPC during the process of scheme adherence. The "vat_number" is to be communicated by the scheme participant to the EPC in the scheme adherence documents, and is sent to the EDS from the EPC ROP.
lei	The global Legal Entity Identifier (LEI) of the Participant as recorded by the EPC during the process of scheme adherence.
additional_identifier\type	Enterprise number, other, ... as recorded by the EPC during the process of scheme adherence.
additional_identifier\value	Value of the additional identifier if any as recorded by the EPC during the process of scheme adherence.
publish_in_eds	Confirm that the Participant and scheme details are ready to be published in the EDS local file. Once activated and the related data have been published, the "Publish in EDS local file" cannot be deactivated.

4.4 EDS consumer API

4.4.1 Search for records of EDS file

Version 1

Description



Search for records corresponding to the CSV format of the EDS SRTP Local File, returned as UTF-8 encoded JSON objects. Each record describes the relationship between a scheme participant, the EPC SRTP scheme on which the participant operates and optionally a URI and SRTP BIC by which the participant operates on the scheme.

Request

```
GET https://api.swift.com/eds/srtp/v1/directories/records?
participant_bic_substring=<participant_bic_substring>&participant_name_substring=<parti
cipant_name_substring>&environment=<environment>&operation=<operation>&priority_number=
<priority_number>&srtp_bic_substring=<srtp_bic_substring>&offset=<offset>&limit=<limit>
```

Request parameters

Name	Required?
participant_bic_substring	No
participant_name_substring	No
environment	No
operation	No
priority_number	No
srtp_bic_substring	No
offset	No
limit	No

Sample request

GET

```
https://api.swift.com/eds/srtp/v1/directories/
records?participant_bic_substring=DEUTDEFF&environment=L&offset=0&limit=20
```

Sample response

```
{
  "data": [
    {
      "country_code": "DE",
      "participant_name": "Deutsche Bank",
      "participant_bic": "DEUTDEFFXXX",
      "participant_vat_number": "DE123456",
      "operational_contacts": [
        {"email": "user1@example.com"},
        {"email": "user2@example.com"}
      ]
    }
  ]
}
```



```

    ],
    "readiness_date": "2025-01-22",
    "leaving_date": "2026-11-14",
    "vat_id": "DE123456",
    "roles": [
        {"code": "CREDSP"},
        {"code": "DEBTSP"}
    ],
    ],
    "options": [
        {
            "code": "REDIRE",
            "readiness_date": "2025-02-01",
            "leaving_date": "2025-12-31"
        },
        {
            "code": "ATCHMN",
            "readiness_date": "2025-02-01"
        }
    ],
    ],
    "environment": "L",
    "operation": "postRequestToPayRequests",
    "api_uri": "https://srtpxxx.bankbic.com/srtp/v1/requests-to-pay",
    "api_version": 1,
    "priority_number": 1,
    "srtp_bic": "DEUTBEFFXXX",
    "start_date_time": "2025-09-12T00:00:00Z",
    "note": "This is the main live URI for SRTP"
}

],
"links": [
    {
        "href": "https://api.swift.com/eds/srtp/v1/directories/
records?participant_bic_substring=XXX&offset=0&limit=20",
        "rel": "first",
        "type": "GET"
    },
    {
        "href": "https://api.swift.com/eds/srtp/v1/directories/
records?participant_bic_substring=XXX&offset=0&limit=20",

```



```

    "rel": "self",
    "type": "GET"
  },
  {
    "href": "https://api.swift.com/eds/srtp/v1/directories/
records?participant_bic_substring=XXX&offset=0&limit=20",
    "rel": "last",
    "type": "GET"
  }
]
}

```

Response elements

Name	Required
data\country_code	Yes
data\participant_name	Yes
data\participant_bic	Yes
data\participant_vat_number	No
data\operational_contacts	No
data\readiness_date	No
data\leaving_date	No
data\vat_id	No
data\roles\code	Yes, when a role is available
data\options\code	Yes, when an option is available
data\options\readiness_date	Yes, when an option is available
data\options\leaving_date	No
data\environment	No
data\operation	No
data\api_uri	No
data\api_version	No
data\priority_number	No
data\srtp_bic	No
data\start_date_time	No
data\end_date_time	No
data\note	No
links\href	Yes
links\rel	Yes



links\type	Yes
------------	-----

Errors

If the supplied search parameters do not match any EDS file records, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Search for records of EDS SRTP file Error and Status Codes”

4.5 EDS SRTP provisioning API

4.5.1 Search for the API endpoints of an SRTP scheme participant.

Version 1

Description

Search for the SRTP-related API endpoints (and the related attributes required to operate with them) provided by a scheme participant BIC, optionally filtered by attribute values

Request

GET https://api.swift.com/eds/srtp/v1/participants/<participant_bic>/uris?environment=<environment>&operation=<operation>&priority_number=<priority_number>

Request parameters

Name	Required?
participant_bic	Yes
environment	No
operation	No
priority_number	No
srtp_bic_substring	No
offset	No
limit	No

Sample request

GET <https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris?operation=postRequestToPayRequests>



Sample response

```
{
  "data": [
    {
      "uri_id": 100123,
      "environment": "L",
      "operation": "postRequestToPayRequests",
      "api_uri": "https://srtpxxx.bankbic.com/srtp/v1/requests-to-pay",
      "api_version": 1,
      "priority_number": 1,
      "srtp_bics": [
        "DEUTBEFFXXX",
        "DEUTITFFXXX",
        "DEUTITFFABC"
      ],
      "start_date_time": "2025-09-12T00:00:00Z",
      "end_date_time": "2026-03-01T00:00:00Z",
      "note": "This is the main live URI for SRTP"
    },
    {
      "uri_id": 100456,
      "environment": "L",
      "operation": "postRequestToPayRequests",
      "api_uri": "https://srtpxxx2.bankbic.com/srtp/v1/requests-to-pay",
      "api_version": 1,
      "priority_number": 2,
      "srtp_bics": [
        "DEUTBEFFXXX"
      ],
      "start_date_time": "2025-09-12T00:00:00Z",
      "note": "This is the secondary live URI for SRTP"
    },
    {
      "uri_id": 100789,
      "environment": "T",
      "operation": "postRequestToPayRequests",
```



```

    "api_uri": "https://srtptest.bankbic.com/srtp/v1/requests-to-pay",
    "api_version": 1,
    "priority_number": 1,
    "srtp_bics": [
        "DEUTBEFFXXX"
    ],
    "start_date_time": "2025-01-01T00:00:00Z",
    "end_date_time": "2026-03-01T00:00:00Z",
    "note": "This is a test URI for SRTP"
  }
],
"links": [
  {
    "href": "https://api.swift.com/eds/srtp/v1/participants/DEUTBEFFXXX/uris?offset=0&limit=20",
    "rel": "first",
    "type": "GET"
  },
  {
    "href": "https://api.swift.com/eds/srtp/v1/participants/DEUTBEFFXXX/uris?offset=0&limit=20",
    "rel": "self",
    "type": "GET"
  },
  {
    "href": "https://api.swift.com/eds/srtp/v1/participants/DEUTBEFFXXX/uris?offset=0&limit=20",
    "rel": "last",
    "type": "GET"
  }
]
}

```

Response elements

Name	Required?
data\uri_id	Yes
data\environment	Yes
data\operation	Yes
data\api_uri	Yes



data\api_version	Yes
data\priority_number	Yes
data\start_date_time	Yes
data\end_date_time	
data\note	
data\srtplib_bics	Yes
links\href	Yes
links\rel	Yes
links\type	Yes

Errors

If API endpoints are requested for an invalid or unpublished Scheme participant, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Search for the URI records of a scheme participant Error and Status Codes”

4.5.2 Create a URI record.

Version 1

Description

Create a record representing an SRTP-related API endpoint (and the related attributes required to operate with it) for a scheme participant BIC.

Request

POST https://api.swift.com/eds/srtplib/v1/participants/<participant_bic>/uris

Request parameter

Name	Required?
participant_bic	Yes

Request body parameters



Description

API endpoint by which a participant is reachable on a specific scheme, together with information about the participant identity, roles, and options required to operate on the scheme. Format used only on EDS-API-Data-Provisioning endpoints.

Name	Required?
environment	Yes
operation	Yes
api_uri	Yes
api_version	Yes
priority_number	Yes
srtp_bics	Yes
start_date_time	Yes
end_date_time	No
note	No

Sample request

POST <https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris>

Sample request body

```
{
  "environment": "L",
  "operation": "postRequestToPayRequests",
  "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay",
  "api_version": 2,
  "priority_number": 1,
  "srtp_bics": [
    "DEUTBEFFXXX",
    "DEUTITFFXXX",
    "DEUTITFFABC"
  ],
  "start_date_time": "2025-09-12T00:00:00Z",
  "end_date_time": "2026-03-01T00:00:00Z",
  "note": "This is the second version of the main URL for SRTP"
}
```



Sample response

```
{
  "uri_id": 200001,
  "environment": "L",
  "operation": "postRequestToPayRequests",
  "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay",
  "api_version": 2,
  "priority_number": 1,
  "srtp_bics": [
    "DEUTBEFFXXX",
    "DEUTITFFXXX",
    "DEUTITFFABC"
  ],
  "start_date_time": "2025-09-12T00:00:00Z",
  "end_date_time": "2026-03-01T00:00:00Z",
  "note": "This is the second version of the main URL for SRTP"
}
```

Response element

Name	Required?
uri_id	Yes
environment	Yes
operation	Yes
api_uri	Yes
api_version	Yes
priority_number	Yes
start_date_time	Yes
end_date_time	No
note	No
srtp_bics	Yes

Errors

If the API endpoint is being created for an invalid or unpublished Scheme participant, then an HTTP error 400 **Bad Request** is returned, with an error body in JSON format.



For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Create a URI record Error and Status Codes”

4.5.3 Modify a URI record

Version 1

Description

Modify an SRTP-related API endpoint (and the related attributes required to operate with it) of a scheme participant

Request

PUT https://api.swift.com/eds/srtp/v1/participants/<participant_bic>/uris/<uri_id>

Request parameters

Name	Required?
participant_bic	Yes
uri_id	Yes

Request body parameters

Description

API endpoint by which a participant is reachable on a specific scheme, together with information about the participant identity, roles, and options required to operate on the scheme. Format used only on EDS-API-Data-Provisioning endpoints

Name	Required?
environment	Yes
operation	Yes
api_uri	Yes
api_version	Yes
priority_number	Yes
srtp_bics	Yes
start_date_time	Yes



end_date_time	No
note	No
uri_id	No

Sample request

PUT <https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris/200001>

Sample request body

```
{
  "environment": "L",
  "operation": "postRequestToPayRequests",
  "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay",
  "api_version": 2,
  "priority_number": 1,
  "srtp_bics": [
    "DEUTBEFFXXX",
    "DEUTITFFXXX",
    "DEUTITFFABC",
    "DEUTITFFDEF"
  ],
  "start_date_time": "2025-09-12T00:00:00Z",
  "end_date_time": "2026-03-01T00:00:00Z",
  "note": "This is the second version of the main URL for SRTP, with an additional SRTP BIC"
}
```

Sample response

```
{
  "uri_id": 200001,

  "environment": "L",
  "operation": "postRequestToPayRequests",
  "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay",
  "api_version": 2,
  "priority_number": 1,
  "srtp_bics": [
    "DEUTBEFFXXX",
```



```
"DEUTITFFXXX",  
"DEUTITFFABC",  
"DEUTITFDEF"  
],  
"start_date_time": "2025-09-12T00:00:00Z",  
"end_date_time": "2026-03-01T00:00:00Z",  
"note": "This is the second version of the main URL for SRTP, with an additional SRTP BIC"  
}
```

Response elements

Name	Required?
environment	Yes
operation	Yes
api_uri	Yes
api_version	Yes
priority_number	Yes
srtp_bics	Yes
start_date_time	Yes
end_date_time	No
note	No
uri_id	Yes

Errors

If the requested BIC is invalid or unpublished, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Modify a URI record Error and Status Codes”

4.5.4 Get details of a scheme participant

Version 1



Description

Get all SRTP-related details of a scheme participant.

Request

GET https://api.swift.com/eds/srtp/v1/participants/<participant_bic>

Request parameters

Name	Required?
participant_bic	yes

Sample request

GET <https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX>

Sample response

```
{
  "country_code": "IT",
  "participant_name": "ManyCash Spa",
  "participant_bic": "VALIDBICXXX",
  "address": "very long street, 55",
  "city": "Strange city",
  "postal_code": "28066",
  "participant_vat_number": "IT123456",
  "lei": "ABCDEFGHJK0123456789",
  "additional_identifier": {
    "type": "ISIN",
    "value": "123456"
  },
  "scheme_details": {
    "vat_id": "IT12345678910",
    "operational_contacts": [
      { "email": "user01@mail.com" }
    ],
    "roles": [
      { "code": "CREDSP" },

```



```

        {"code": "DEBTSP"}
    ],
    "options": [
        {
            "code": "REDIRE",
            "readiness_date": "2025-03-11",
            "leaving_date": "2025-05-02"
        }
    ],
    "readiness_date": "2025-02-01",
    "publish_in_eds": false
}
    
```

Response elements

Name	Required?
country_code	Yes
participant_name	Yes
participant_bic	Yes
address	No
city	No
postal_code	No
participant_vat_number	No
lei	No
additional_identifier\type	No
additional_identifier\value	No
scheme_details\operational_contacts\email	No
vat_id	No
scheme_details\roles\code	No
scheme_details\options\code	No
scheme_details\options\readiness_date	No
scheme_details\options\leaving_date	No
scheme_details\readiness_date	No
scheme_details\publish_in_eds	Yes

Errors

If details are requested for an invalid or unpublished EPC participant, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties



- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Get details of a scheme participant Error and Status Codes”

4.5.5 Modify operational contacts

Version 1

Description

Modify the SRTP-related operational contacts of an EPC participant.

Request

PUT https://api.swift.com/eds/srtp/v1/participants/<participant_bic>/operational_contacts

Request parameters

Name	Required?
participant_bic	Yes

Request body parameters

Description

New set of operational e-mail contacts

Name	Required?
email	Yes

Sample request

PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/operational_contacts

Sample request body

```
[
  {
    "email": "contact-a@example.com"
  },
  {
    "email": "contact-b@example.org"
  },
  {
    "email": "contact-c@example.net"
  }
]
```




```
}  
]
```

Sample response

```
[  
  {  
    "email": "contact-a@example.com"  
  },  
  {  
    "email": "contact-b@example.org"  
  },  
  {  
    "email": "contact-c@example.net"  
  }  
]
```

Response elements

Name	Required?
email	yes

Errors

If the requested BIC is invalid or unpublished, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Modify operational contacts Error and Status Codes”

4.5.6 Modify the VAT (Value-Added Tax) ID of a scheme participant

Version 1

Description

Modify the VAT (Value-Added Tax) ID of an EPC participant.

Request

PUT https://api.swift.com/eds/srtp/v1/participants/<participant_bic>/vat_id



Request parameters

Name	Required?
participant_bic	Yes

Request body parameters

Description

New VAT ID. An empty object triggers the current VAT ID deletion.

Name	Required?
vat_id	Yes

Sample request

PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/vat_id

Sample request body

```
{  
  "vat_id": "DE09999999"  
}
```

Sample response

```
{  
  "vat_id": "DE09999999"  
}
```

Response elements

Name	Required?
vat_id	yes

Errors

If the requested BIC is invalid or unpublished, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:



- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Modify the VAT ID of an EPC participant Error and Status Codes”

4.5.7 Modify the participation details of a participant

Version 1

Description

Modify the participation details (options, readiness date, publication in the Local File) of an EPC participant to SRTP scheme.

Request

PUT https://api.swift.com/eds/srtp/v1/participants/<participant_bic>/scheme

Request parameters

Name	Required?
participant_bic	Yes

Request body parameters

Description

New scheme participation details

Name	Required?
operational_contacts\email	No
vat_id	No
readiness_date	No
roles\code	Yes, if role present
publish_in_eds	Yes
options\code	Yes, if option present
options\readiness_date	Yes, if option present
options\leaving_date	No

Sample request



PUT <https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/scheme>

Sample request body

```
{
  "readiness_date": "2025-02-01",
  "publish_in_eds": true,
  "roles": [
    {
      "code": "CREDSP"    },
    {
      "code": "DEBTSP"
    }
  ],
  "options": [
    {
      "code": "REDIRE",
      "readiness_date": "2025-02-15"
    },
    {
      "code": "ATCHMN",
      "readiness_date": "2025-02-20"
    },
    {
      "code": "URLOPT",
      "readiness_date": "2025-02-20",
      "leaving_date": "2025-12-31"
    }
  ]
}
```

Sample response

```
{
  "readiness_date": "2025-02-01",
  "publish_in_eds": true,
  "options": [
    {
      "code": "REDIRE",
      "readiness_date": "2025-02-15"
    },
    {
```



```

    "code": "ATCHMN",
    "readiness_date": "2025-02-20"
  },
  {
    "code": "URLOPT",
    "readiness_date": "2025-02-20",
    "leaving_date": "2025-12-31"
  } ]
}

```

Response elements

Name	Required?
operational_contacts\email	No
vat_id	No
readiness_date	No
roles\code	Yes, if role present
publish_in_eds	Yes
options\code	Yes, if option present
options\readiness_date	Yes, if option present
options\leaving_date	No

Errors

If the requested BIC is invalid or unpublished, then an HTTP error 404 **Not Found** is returned, with an error body in JSON format.

For more information, see the following:

- Section 4.6 - Errors and Error Properties
- Section 4.6.3 - EDS SRTP API Error and Status Codes – “Modify scheme participant details Error and Status Codes”

4.6 Errors and Error Properties

4.6.1 HTTP Status Codes

The API returns the following HTTP response codes.



Code	Name	Definition
200	OK	The standard response for successful HTTP requests. The body contains the response.
201	Created	A record has been successfully created
400	Bad Request	Something is wrong in the parameters of the request. The body contains more details.
401	Unauthorized	User credentials not supplied
403	Forbidden	The caller does not have permission to access this resource or method. The body contains more details.
404	Not Found Not valid and other error types	The requested resource is not found. The item is invalid or contains other types of functional errors. The body of the response contains additional details.
405	Method not allowed	The server knows the request method, but the target resource does not support it.
409	Conflict	The requested change cannot be applied, since supplied data already exist
422	Unprocessable Content	Although the request is formally correct, domain rules prevent the change application
429	Too many Requests	The server is refusing to process the request because you've sent too many requests within a given time period
500	Server Error	The request is valid but could not be executed due to some problem on the server. The body contains more details.
503	Service Temporarily Unavailable	The body contains more details.
504	Gateway Timeout	A server acting as a gateway or proxy did not receive a timely response

4.6.2 Status and Error Properties

For most HTTP status codes in 4xx and 5xx ranges, the response body contains a list of errors to provide more explanation on what went wrong. This is shown in the following example.

Name	Description
code	A unique identifier for errors Should contain an indication of which system/application/component/sub-component is throwing the error
severity	A severity of the error (either Fatal, Transient, or Logic)
text	A textual description of the error
user_message	Can contain a message to be passed to the app user



Related information

For more information about the error and status codes, see:

[EDS SRTP API Error and Status Codes](#)

4.6.3 EDS SRTP API Error and Status Codes

Search for records of EDS file Error and Status Codes

Code	Text	HTTP	Examples
		200	GET https://api.swift.com/eds/srtp/v1/directories/records?participant_bic_substring=DEUTDEFF
EDS.API.INVP	(all errors related to parameters not compliant with OpenAPI schema)	400	GET https://api.swift.com/eds/srtp/v1/directories/records?participant_bic_substring=X
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.ERNF	No EDS file records found.	404	GET https://api.swift.com/eds/srtp/v1/directories/records?participant_bic_substring=XXXXXXXXXXXX
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Search for the URI records of a scheme participant Error and Status Codes

Code	Text	HTTP	Examples
		200	GET



			https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris?
EDS.API.MIEB	Missing or invalid Scheme participant BIC identifier	400	GET https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/uris GET https://api.swift.com/eds/srtp/v1/participants//uris
EDS.API.INVP	(all errors related to parameters not compliant with openAPI schema, e.g. "priority_number must be number")	400	GET https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris?operation=p
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.URNF	No URI records found.	404	GET https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris?environment=T&priority_number=90
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Create a URI record Error and Status Codes

Code	Text	HTTP	Examples
		201	POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": " https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay ", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX",



			<pre> "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIEB	Missing or invalid Scheme participant BIC identifier	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIOP	Missing or invalid URI operation	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "xyx", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIEN	Missing or invalid URI environment	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "X", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIAU	Missing or invalid URI api_uri	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "xyz", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>



EDS.API.MIAV	Missing or invalid URI version	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": "xyz", "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIPN	Missing or invalid URI priority number	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": "xyz", "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MISD	Missing or invalid URI start date/time	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "xyz" } </pre>
EDS.API.INED	Invalid URI end date/time	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z", "end_date_time": "2020-01-01T00:00:00Z" } </pre>
EDS.API.MISB	Missing or invalid URI SRTP BICs	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { </pre>



			<pre> "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtb_bics": ["123", "ABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.INVP	Invalid parameters	400	<pre> POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFF XXX/uris { "unallowed_field": "unallowed_value", "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtb_bics": ["DEUTDEFF500"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	Scheme participant BIC not found	404	<pre> POST https://api.swift.com/eds/srtp/v1/participants/<inexist ent_participant_bic>/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, </pre>



			<pre>"srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" }</pre>
EDS.API.DPAU	URI not created, since a record with the supplied details already exists	409	
EDS.API.USPT	Scheme participant cannot operate on the supplied scheme	422	
EDS.API.MIAV	API version should match the API version indicated in the URL	422	<pre>POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v3/requests-to-pay", "api_version": 3, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" }</pre>
EDS.API.INVP	End datetime must be greater than start datetime within the same record	422	<pre>POST https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/uris { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z", "end_date_time": "2023-01-31T00:00:00Z" }</pre>
			•
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Modify a URI record Error and Status Codes

Code	Text	HTTP	Examples
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		200	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIEB	Missing or invalid Scheme participant BIC	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/ur is/200001 { "id": 200001, "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIEN	Missing or invalid URI environment	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "X", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIUI	Missing or invalid URI record ID	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/ { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIOP	Missing or invalid URI operation	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { </pre>



			<pre> "environment": "L", "operation": "xyx", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIAU	Missing or invalid URI api_uri	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "xyz", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIAV	Missing or invalid URI version	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": "xyz", "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MIPN	Missing or invalid URI priority number	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": "xyz", "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
EDS.API.MISD	Missing or invalid URI start date/time	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, </pre>



			<pre> "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "xyz" } </pre>
EDS.API.INED	Invalid URI end date/time	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z", "end_date_time": "2020-01-01T00:00:00Z" } </pre>
EDS.API.MISB	Missing or invalid URI SRTP BICs	400	<pre> PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["123", "ABC"], "start_date_time": "2025-09-12T00:00:00Z" } </pre>
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	



SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	Scheme participant BIC not found	404	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/<inexistent_ participant_bic>/uris/200001 { "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" }</pre>
EDS.API.RUNF	URI record not found	404	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/ uris/<inexistent_uri_id> { "id": <inexistent_uri_id>, "environment": "L", "operation": "postRequestToPayRequests", "api_uri": "https://srtpxxx.bankbic.com/srtp/v2/requests-to-pay", "api_version": 2, "priority_number": 1, "srtp_bics": ["DEUTBEFFXXX", "DEUTITFFABC"], "start_date_time": "2025-09-12T00:00:00Z" }</pre>
EDS.API.DPEU	URI not updated, since a record with the supplied details already exists	409	
EDS.API.USPT	Scheme participant cannot operate on the supplied scheme	422	
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Get details of a scheme participant Error and Status Codes



Code	Text	HTTP	Examples
		200	GET https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX
EDS.API.MIEB	Missing or invalid EPC participant BIC identifier	400	GET https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	EPC participant BIC not found.	404	GET <a href="https://api.swift.com/eds/srtp/v1/participants/<inexistent_participant_bic>">https://api.swift.com/eds/srtp/v1/participants/<inexistent_participant_bic>
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Modify operational contacts Error and Status Codes

Code	Text	HTTP	Examples
		200	PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXX/operational_contacts [<pre>{ "email": "contact-a@example.com" }, { "email": "contact-b@example.org" }, { "email": "contact-c@example.net" }]</pre>



EDS.API.MIEB	Missing or invalid EPC participant BIC	400	PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/operational_contacts [{ "email": "contact-a@example.com" }, { "email": "contact-b@example.org" }, { "email": "contact-c@example.net" }]
EDS.API.INVP	(all errors related to payload not compliant with OpenAPI schema, e.g. "Payload must be supplied as array")	400	PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/operational_contacts [{ "email": "user01@mail.com", "phone": "+39 0123 567890" }, { "email": "user03@mail.com" }]
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	EPC participant BIC not found	404	PUT https://api.swift.com/eds/srtp/v1/participants/<inexistent_participant_bic>/operational_contacts [



			<pre>{ "email": "contact-a@example.com" }, { "email": "contact-b@example.org" }, { "email": "contact-c@example.net" }]</pre>
EDS.API.DPEU	Operational contact not updated, since a record with the supplied details already exists	409	
EDS.API.DUOC	Operational contact emails cannot appear multiple times	422	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXX X/operational_contacts [{ "email": "contact-a@example.com" }, { "email": "contact-a@example.com" }]</pre>
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	

Modify the VAT ID of an EPC participant Error and Status Codes

Code	Text	HTTP	Examples
		200	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXX X/vat_id { "vat_id": "FI12345678" }</pre>
EDS.API.MIEB	Missing or invalid EPC participant BIC	400	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXX/ vat_id { "vat_id": "FI12345678" }</pre>



			}
EDS.API.INNA	Payload item #0 must match pattern " ^[A-Z]{2}[0-9A-Z.-]{2,21}\$ "	400	PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/vat_id { "vat_id": "FI" }
EDS.API.INVP	(all errors related to payload not compliant with OpenAPI schema, e.g. "Payload must be supplied as object")	400	PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXXX/vat_id ["FI12345678"]
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	
SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	EPC participant BIC not found	404	PUT https://api.swift.com/eds/srtp/v1/participants/<inexistent_participant_bic>/vat_id { "vat_id": "BE0999999999" }



Modify scheme participant details Error and Status Codes

Code	Text	HTTP	Examples
		200	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/ scheme { "readiness_date": "2025-04-26", "publish_in_eds": true, "options": [{ "code": "REDIRE", "readiness_date": "2025-05-11" }, { "code": "URLOPT", "readiness_date": "2025-07-11", "leaving_date": "2025-07-27" }] }</pre>
EDS.API.MIEB	Missing or invalid EPC participant BIC	400	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFX/ scheme { "readiness_date": "2025-04-26", "publish_in_eds": true, "options": [{ "code": "REDIRE", "readiness_date": "2025-05-11" }, { "code": "URLOPT", "readiness_date": "2025-07-11", "leaving_date": "2025-07-27" }] }</pre>
EDS.API.INVP	(all errors related to payload not compliant with OpenAPI schema, e.g. "Payload must be supplied as object")	400	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/DEUTDEFFXX X/schemes/srtp []</pre>
SwAP510	The API method does not support non-repudiation	400	
SwAP509	Missing mandatory signature on the non-repudiation API transaction	400	



SwAP501	API request is malformed	400	
EDS.API.UCNS	User Credentials not supplied	401	
SwAP502	Invalid Signing Certificate. The certificate cannot be used for doing the API transaction.	401	
SwAP502	Invalid OAuth access token.	401	
SwAP508	OAuth access token not provided.	401	
SwAP509	Customer number not defined.	401	
EDS.API.ILIC	You do not have sufficient privileges to perform the requested action	403	
SwAP503	OAuth access token has insufficient scope for the requested service.	403	
EDS.API.EBNF	EPC participant BIC not found	404	<pre>PUT https://api.swift.com/eds/srtp/v1/participants/<inexistent_participant_bic>/scheme { "readiness_date": "2025-04-26", "publish_in_eds": true, "options": [{ "code": "REDIRE", "readiness_date": "2025-05-11" }, { "code": "URLOPT", "readiness_date": "2025-07-11", "leaving_date": "2025-07-27" }] }</pre>
EDS.API.DPEU	URI not updated, since a record with the supplied details already exists	409	



EDS.API.USPT	EPC participant cannot operate on the supplied scheme	422	
SwAP507	Request cannot be processed at this time. Please try again	429	
SwAP590	Service is temporarily unavailable	503	
SwAP599	Service is temporarily unavailable	503	
SwAP591	Service Provider time out	504	