

Webservice for Sending Reports

Webservice Description

The purpose of the webservice is to send report messages to the data submission portal. The webservice returns a synchronous return code, which indicates whether the message was successfully stored in the system for processing. The report message is processed asynchronously and a separate notification with the processing results is sent later.

The WADL file containing the service description can be found at:

https://repository_hostname/defs/webservice_reporting_domain_code.wadl,

where **repository_hostname** needs to be substituted with

- **testtext-aruandlus.eestipank.ee** in the test environment
- **aruandlus.eestipank.ee** in the production environment

Request URL template:

https://service_hostname/epakpsrv/submitReports/reporting_domain_code

Substitutions to be made:

- **service_hostname** – the hostname where the service is installed (**testsrv-aruandlus.eestipank.ee** in the test environment, **srv-aruandlus.eestipank.ee** in the production environment)
- **reporting_domain_code** – the reporting domain code under which the specific report belongs (values **finants**, **jarelvalve**, **valissektor**, **teinguaruandlus**)

An example of the WADL file location:

https://aruandlus.eestipank.ee/defs/webservice_tehinguaruandlus.wadl

Request Parameters

Parameter	Description
uuid	Universally unique identifier. This value is returned in the notification about processing the file to allow the sender to establish correspondence between the original message and the notification. Mandatory. Required to be globally unique. It is recommended to use the UUID standard described here: https://en.wikipedia.org/wiki/Universally_unique_identifier
responseType	The way in which the sender wants to receive notifications about processing the report file. Mandatory. Allowed values: <ul style="list-style-type: none">- NONE – do not send a notification- EMAIL – send a notification by e-mail- WS – send a notification to the webservice of the sender

responseAddress	The address to which the notification is sent. Mandatory if responseType is not 'NONE'. Allowed values: <ul style="list-style-type: none"> - If responseType is 'EMAIL' then responseAddress should be an e-mail address. - If responseType is 'WS' then responseAddress should be the URL of the sender's webservice. The port specified in the URL needs to be the https default port (443).
language	Language for response messages. Reserved for future use. Mandatory. Allowed values: <ul style="list-style-type: none"> - ET – Estonian - EN – English
file	Name of the file to be sent. The name must start with the prefix 'file:' and contain a valid filename. The file must be added as an attachment. The following file formats are supported: <ul style="list-style-type: none"> - PGP – file extensions .pgp, .gpg, .asc - CDOC – file extension .cdoc - BDOC – file extensions .bdoc, .asice

The HTTP request header 'Media Type' needs to be 'multipart/form-data'.

Response

The table below contains possible response codes and messages.

Response code and message	Description
0 - OK	Report file received successfully by the system. Report file will be processed asynchronously and an asynchronous notification will be sent separately.
255 - Exception	Message processing failed, unexpected error.
256 - Duplicate uuid	Duplicate value of the 'uuid' parameter, the system has already processed a request containing this value of uuid.
257 - No uuid	The value of the 'uuid' parameter is missing or empty.
258 - Wrong domain	Incorrect reporting domain code contained in the URL (see above).
259 - No file	The value of the file parameter is missing or empty or no file is attached.
260 - Not supported language	Unsupported value of the 'language' parameter.
261 - No language	The value of the 'language' parameter is missing or empty.
262 - Wrong extension	Invalid filename extension of the attached file.
263 - No responseType	The value of the 'responseType' parameter is missing or empty.
264 - Wrong responseType	Unsupported value of the 'responseType' parameter.
265 - No responseAddress	The value of the 'responseAddress' parameter is missing or empty in case it is required.

Example of a successful response:

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HTTP/1.1 200 OK
Date: Mon, 06 Nov 2017 14:23:12 GMT
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Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips
Content-Type: application/json;charset=utf-8
Content-Length: 6
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive

0 - OK

If the HTTP request header 'Media Type' is not 'multipart/form-data', or the value of the 'file' parameter contains only 'file:', then the message will not reach the webservice and the Apache Tomcat error page is returned.

Response Webservice

Webservice Description

The purpose of the response webservice is to receive feedback about the message sent to the data submission portal. The response webservice needs to be implemented and installed by the report provider. The data submission portal will send a response to this webservice if the original service call contained the following values: the field responseType was set to 'WS' and the field responseAddress was set to the URL of the response webservice.

The WADL file containing the service description can be found at:

https://repository_hostname/defs/reply.wadl

where **repository_hostname** needs to be substituted with:

- **testtext-arundlus.eestipank.ee** in the test environment
- **aruandlus.eestipank.ee** in the production environment

Request Parameters

Parameter	Description
uuid	Universally unique identifier; the value is copied from the original request.
type	Type of the response message. Values used: <ul style="list-style-type: none">- REPRES – the response contains a list of errors that occurred during the processing of the original message- REPERR – the response contains the validation result (list of errors) of the report contained in the original message- REPPROC – the response indicates that the report contained in the original message was accepted for processing- REPCONF – the response indicates that the report contained in the original message was marked as correct
status	The processing status of the request. Values used in case type = 'REPRES': <ul style="list-style-type: none">- OK – the message was processed successfully, all report files contained in the message were identified, the validation of report contents was initiated- ERROR – errors occurred during processing of one or more report files, the validation of report contents was not initiated Values used in case type = 'REPERR': <ul style="list-style-type: none">- OK – the report contained in the original message was validated successfully- ERROR – errors occurred during the validation of the report contained in the original message In case of types 'REPPROC' and 'REPCONF', the status is always 'OK'.
file	Name of the file to be sent. The name must contain a valid filename. The file should be added as an attachment. The file format is always XML. The file contents are described by one of the schemas depending on the field 'type': https://repository_hostname/reports/message_errors.xsd https://repository_hostname/reports/report_errors.xsd

	<p>https://repository_hostname/reports/report_processing.xsd https://repository_hostname/reports/report_confirmation.xsd</p> <p>where repository_hostname needs to be substituted with:</p> <ul style="list-style-type: none">• testtext-arundlus.eestipank.ee in the test environment• arundlus.eestipank.ee in the production environment
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The HTTP request header 'Media Type' needs to be 'multipart/form-data'.