|  |  |  |  |
| --- | --- | --- | --- |
|  | **European Commission**  **DIRECTORATE GENERAL** | **logo RUP@EC-Fixed-v1** |  |

**e-TrustEx – Validation Status Request Use Case Specification**

|  |
| --- |
| *---- Remove this text box after reading ---*  Help text for this Artifact Template Version 2012-01  ***Key to symbols used in this template:***  *[] indicates text to be replaced by the user of this template.*  *<> indicates text that is updated using Document Properties button.*  ***Click here to update the Document Properties >>***   * *This button is also available on the next page.*   ***Other information:***   * *Check that you are using the latest template* –[click](http://www.cc.cec/RUPatEC/) * *While working on the document, you may choose to leave some of the blue text guidance.* |

**Document Control Information** 

|  |  |
| --- | --- |
| **Settings** | **Value** |
| **Directorate:** |  |
| **Project Name:** | e-TrustEx |
| **Document Author:** | Alice Vasilescu |
| **System Owner:** | Tanya Chetcutti |
| **Project Manager:** | Tanya Chetcutti |
| **Revision Status:** |  |
| **Sensitivity:** |  |
| **Issue Date:** |  |

**Document Approver(s):**

(All Approvers are required. Records of each approver must be maintained.)

|  |  |
| --- | --- |
| **Approver Name** | **Role** |
| [Name] | [Role] |
|  |  |
|  |  |

**Document Reviewers:** (Records of each required reviewer must be maintained.)

|  |  |
| --- | --- |
| **Reviewer Name** | **Role** |
| [Name] | [Role] |
|  |  |
|  |  |

NOTE: All Reviewers in the list are considered required unless explicitly listed as Optional.

**Summary of Changes:**

The Document Author is authorized to make the following types of changes to the document without requiring that the document be re-approved:

* Editorial, formatting, and spelling
* Clarification

To request a change to this document, contact the Document Author or Owner.

Changes to this document are summarized in the following table in reverse chronological order (latest version first).

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Created by** | **Short Description of Changes** |
| [0.1] | [21/06/2013] | [Alice Vasilescu] | [Initial Version of approved document] |
| [0.2-0.3] | [25/09/2013] | [Alice Vasilescu] | [Internal review] |
| [0.4] | [22/05/2015] | [Anamaria Batrinu] | [JIRA [ETRUSTEX-857](https://webgate.ec.europa.eu/CITnet/jira/browse/ETRUSTEX-857)] |
| [0.5] | [14/09/2015] | [Anamaria Batrinu] | [JIRA [ETRUSTEX-1081](https://webgate.ec.europa.eu/CITnet/jira/browse/ETRUSTEX-1081)] |

**Configuration Management: Document Location**

The latest version of this controlled document is stored in [this location].

Contents

[1. Description 4](#_Toc430252992)

[2. References 4](#_Toc430252993)

[3. Validation for Status request 4](#_Toc430252994)

[3.1. Synchronous Validation 4](#_Toc430252995)

[3.1.1. XSD Validation 4](#_Toc430252996)

[3.1.2. Schematron validation 4](#_Toc430252997)

[3.1.3. Parent document check 4](#_Toc430252998)

[3.2. Asynchronous validation 4](#_Toc430252999)

[4. Errors 4](#_Toc430253000)

[4.1. E1: At step 2.1.1 XSD Validation, an error occurs 5](#_Toc430253001)

[4.2. E2: At step 2.1.2 Schematron validation, any of the hard business rules fails 5](#_Toc430253002)

[5. Additional Information 5](#_Toc430253003)

[5.1. Sample Status Request 5](#_Toc430253004)

# Description

This Use Case is included in the UC1\_2\_1 Synchronous Service Use Case Specification.

# References

|  |  |
| --- | --- |
| Document | Location |
| UC1\_2\_1 Synchronous Service Use Case Specification | [https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001 e-TrustEx/002 Requirements/Use Case Model](https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001%20e-TrustEx/002%20Requirements/Use%20Case%20Model) |

# Validation for Status request

# Synchronous Validation

# XSD Validation

This section is included in UC1\_2\_1 Synchronous Service Use Case Specification at Step 2.1.4 System performs the validation.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| RULE59 | The system checks that the message conforms to the schema.  For more details see sample Status Request in 5.1 Sample Status Request | N/A | Hard |  |  |

# Schematron validation

This section is included in UC1\_2\_1 Synchronous Service Use Case Specification at Step 2.1.4 System performs the validation.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| RULE276 | The Sender Party ID must be present and not empty in the message payload |  | Hard | Message content check | Constraint validation |
| RULE277 | The Receiver Party Endpoint ID must be present and not empty in the message payload |  | Hard | Message content check | Constraint validation |
| RULE278 | The Sender Party ID present in the security header must be equal to the Sender Party ID or the Receiver Party ID present in the message payload |  | Hard | Message header check | Authorisation |

# Parent document check

N/A

# Asynchronous validation

N/A

# Errors

# E1: At step 2.1.1 XSD Validation, an error occurs

* System submits a SOAP Fault [6] of EC-Fault type
* A Response Code is added **"error.xsd"**
* A Description may be added
* The Use Case ends.

# E2: At step 2.1.2 Schematron validation, any of the hard business rules fails

* System submits a SOAP Fault [6] of EC-Fault type
* A Response Code is added **"error.hardrule"**
* A Description may be added:
* If rule 276 or 277 fails: “The Sender Party Endpoint ID and the Receiver Party Endpoint ID must be present in the message payload.”
* If rule 278 fails: “The Sender Party Endpoint ID or the Receiver Party Endpoint ID must be equal to the Sender Party Endpoint ID specified in the Business Header.”
* This closes the https connection between the Issuer and the System
* The Use Case ends.

# Additional Information

# Sample Status Request

|  |  |  |
| --- | --- | --- |
| **Element** | **Constraint** | **Xpath** |
| **Sender Identification** | *Optional* | *SenderParty.EndpointID* |
| **Receiver Identification** | *Optional* | *ReceiverParty.EndpointID* |
| **Document Identification** | *Mandatory* | *DocumentReferenceRequest.ID* |
| **Document Type** | *Mandatory* | *DocumentReferenceRequest.DocumentTypeCode* |