2024

COMMON INTERFACE

CHANGE REQUEST 2020-04-10 (2)

Originator: RNE + CET4Biz (PCS TIL provider)

API for Monitoring

This CR is made for simplification of monitoring of CI. The input parameters have the indication M for "mandatory" and O for "optional".

1 General

1.1 Introduction

Currently, CI provides a possibility to be integrated in monitoring tools via SNMP events which can be broadcasted from CI (Path: Log & Audit >> Log Configuration >> Events).

However the for the applications which have the possibility of seamless integration (which is now state-of-the-art), it would be useful that CI provides an API which can be used on demand for, at least, querying of message validation and broadcasting status.

This is just a minimal set of API methods that would help a lot in the integration of CI in the application landscape.

It can be implemented as REST or SOAP – we leave this to the choice of the CCS CCB.

2 API Methods

2.1 getMessageIDs

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Message Type (Message Type Code) O

Response: Array of data structures

- message ID

- message type code

- message name

2.2 getValidationStatus

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Message Type (Message Type Code) O

MessageID O

Response: Array of data structures made of

- message ID

- message type code

- message name

- status (failure / success)

- error message text (empty on success)

2.3 getRoutingStatus

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Message Type (Message Type Code) O

MessageID O

Response: Array of data structures made of

- message ID

- message type code

- message name

- status (failure / success)

- error message text (empty on success)

2.4 getTransformationStatus

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Message Type (Message Type Code) M

MessageID O

Response: Array of data structures made of

- message ID

- message type code

- message name

- status (failure / success)

- error message text (empty on success)

2.5 getHeartbeatStatus

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Response:

- status (failure / success)

2.6 getInboundReceiveStatus

Input parameters:

Direction (inbound / outbound) M

Sender (company code) M

Receiver (company code) M

Message Type (Message Type Code) O

MessageID O

Response: Array of data structures made of

- message ID

- message type code

- message name

- status (failure / success)

- error message text (empty on success)