Alert Notification for expiring certificates on Cloud Integration

SAP

Content

1 Prerequisites

The following prerequisites are needed to use this content:

- Technical User Credentials to Access the SAP Cloud Integration OData APIs
- Mail Account to send out notifications.

2 Documentation

Based on the scheduled timer the integration flow checks on a regular basis if a certificate expiration date has exceeded a predefined threshold. If that case a mail notification is send out.
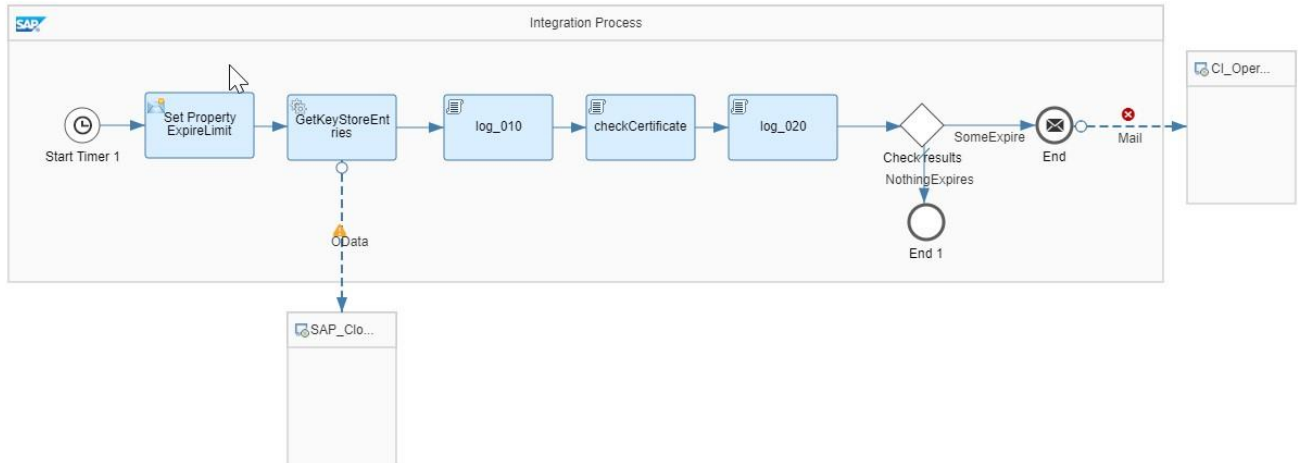
3 Configuration steps on SAP Cloud Integration

3.1 Configure Timer

The integration flow is triggered via a timer, please schedule it according to your needs and requirements. It is recommended to schedule it to run once a day.

3.2 Configure Receiver Adapter

Configure the connection to the SAP CI tenant:

- Receiver: SAP_Cloud_Integration
- Address: Enter the OData runtime URL for your SAP CI, e.g. https://xxxx-tmn.avt.eu1.hana.ondemand.com/api/v1>. This OData call is connecting to the following OData Entity: Keystore Entry
- Authentication: Configure Authentication Type
- Credential Name/Private Key Alias: According to your Authentication, enter the artefact name of the security material.

Configure the connection to the Mail account, please also refer to Configure the Mail Receiver Adapter:
- Receiver: CI_Operations
- Address: Specifies the host name and (optionally) a port number of the SMTP server.
- Protection: Defines whether encryption is used.
- Authentication: Specifies which mechanism is used to authenticate against the server with a user name and password combination.
- Credential Name: According to your Authentication, enter the artefact name of the security material.
- From: E-mail address that the message comes from.
- To: E-mail address that the message is sent to. If you want to configure multiple mail receivers, use a comma (,) to separate the addresses.
- CC: Additional e-mail addresses that the e-mail is to be sent to. These addresses are visible to the receiver. If you want to configure multiple mail receivers, use a comma (,) to separate the addresses.
- Subject: Subject of the e-mail message. You can use the predefined text: CPI: ${header.stage} - Certificate Expiration Notification

3.3 Configure Parameters
- expireLimit: You need to configure the threshold for the certificate expiration date. This threshold is defined in days and indicates if the expiration date has exceeded that threshold.
- stage: Enter the SAP CI Host name. This parameter is used in the subject of the mail message.