



ION API Flow for CSF and AWS S3 User Guide

Version 1.0

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About this guide

This guide describes the integration of the ION API Flow where users can connect existing APIs between the Infor CSF and AWS S3.

Intended audience

This guide is intended for specialists who are configuring the ION API Flow integration.

Related documents

You can find more information on Infor ION Desk User Guide on docs.infor.com.

You can find the Amazon S3 Rest API documentation on the Amazon AWS site.

Contacting Infor

If you have questions about Infor products, go to Infor Concierge at <https://concierge.infor.com/> and create a support incident.

Overview

The API Flows are used for ION API Orchestration. You can define synchronous business flows where you can chain additional APIs, execute conditional logic, and reuse the entire flow as a new API.

For a video demonstration of the ION API Flow for CSF & AWS S3, see [ION API Flows](#).

Requirements

Access to Ming.le ION Desk with these IFS security roles:

- MingleIONEnabled
 - MingleEnterprise
 - IONDeskAdmin
-

Installation

1. Get AWS S3 Access Key and Secret:

- a. Follow the AWS documentation for generating the AWS Access Key ID and AWS Secret Access Key here is the link below.
<https://docs.aws.amazon.com/powershell/latest/userguide/pstools-appendix-sign-up.html>
- b. Save the AWS Access Key ID and AWS Secret Access Key.
- c. The user needs to have permission for S3 bucket read and write access.
- d. For permissions-related information go through the below link.
<https://docs.aws.amazon.com/config/latest/developerguide/s3-bucket-policy.html>

2. Add AWS S3 API Suite:

- a. Navigate to Infor ION API.
- b. Select the Available APIs.
- c. Click on the Import icon and upload the downloaded file.
- d. IONAPINonInforSuites_AWSS3.xml file.
- e. After Importing Click on Edit Details
- f. In the Target Endpoint URL.
Enter the following details <https://s3.<awsregion>.amazonaws.com/<s3bucketname>>
- g. In the AWS Access Key ID field input the generated key
- h. In the AWS Secret Access Key field input the secret key
- i. In the AWS Region field input the AWS Region
- j. In the AWS Service field input as S3 and click on save.

3. Configure ION Desk:

- a. Navigate to ION Desk.
 - b. Select Connect and then click API Flows.
-

- c. Click on the Import icon and upload the downloaded file.
CSF_and_AWS-S3_Customer.xml.
- d. Click OK.
- e. Click the Activate icon.

4. Trigger ION API manually from ION API Gateway:

- a. Navigate to Infor ION API.
- b. Select the Available APIs.
- c. Click Infor API Flows.
- d. Locate the new Endpoint from the Endpoints list and click Documentation. e. Click GET.
- f. Click Try it out.
- g. Specify the information in the Company and Customer fields.
- h. Click Execute.

Note: Infor CSF and AWS S3 data that is in the Respond body is now contained in a new separate API.

Limitations

Limitations

Time-out limits

API flows are synchronous end-to-end. The duration of the flow must be less than the global gateway timeout of 5 minutes. For asynchronous requests, the time-out limit can be up to 2 hours. The duration of each task must be less than 5 minutes. If a step fails, then the API flow is stopped and a time-out error message is displayed.

Payload Limits

Request and Response payload size for the entire API Flow must be less than 5 MB.

Request and Response payload size for individual ION API tasks must be less than 3 MB.

Document history

Version	Date	Comments
1.0	TBD	Initial version

Net change history

Date	Description	KB article
TBD	Initial version TECDOC-NA	