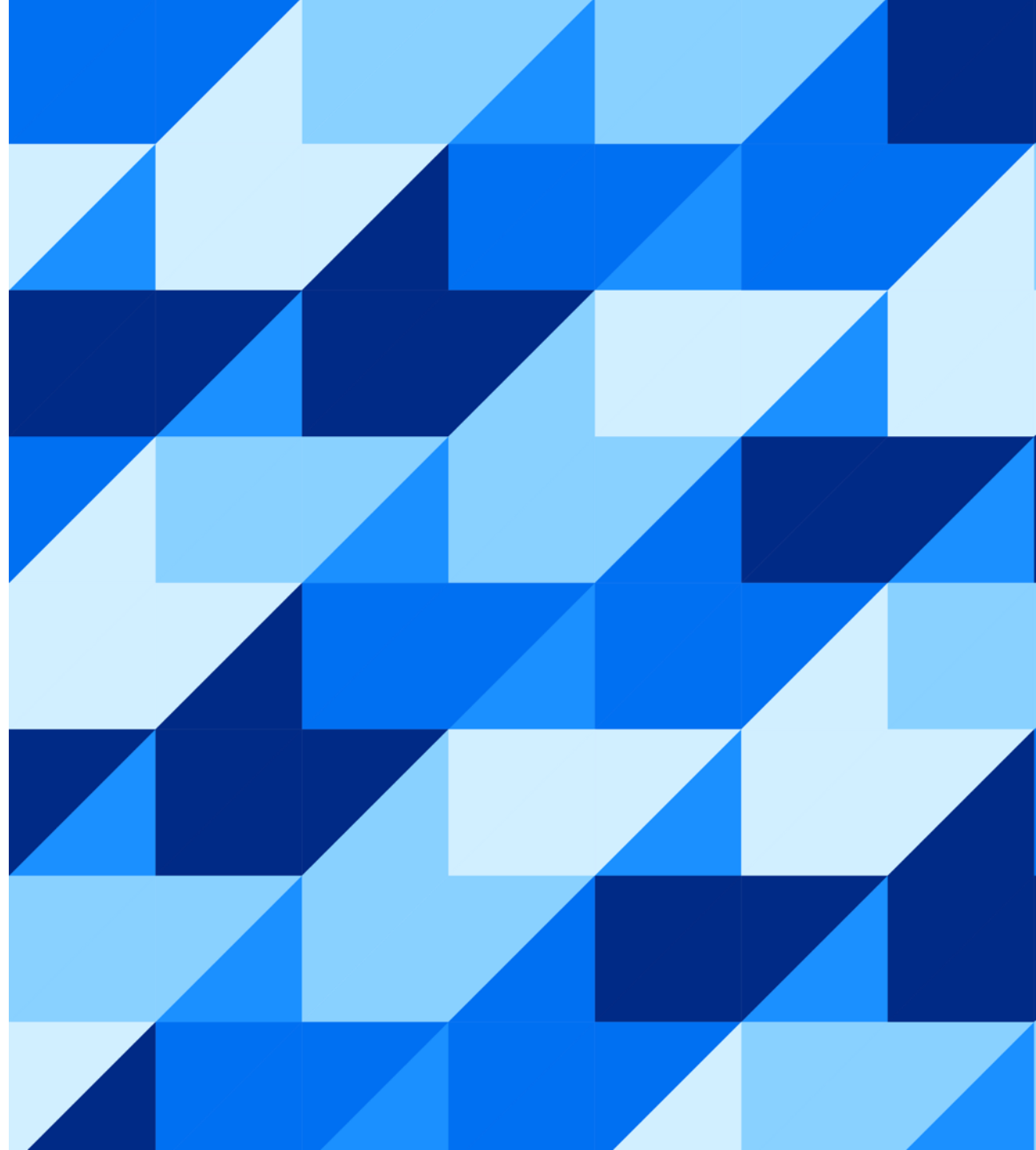




SAP Integration Suite Monthly Updates – April 2024

Product Management Team, SAP Integration Suite
Month 04, 2024

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Agenda

- APIM Updates
- Upgrade to third party connectors
- Cloud Integration Updates

API Management with Graph

Enhancements in API Management Operations



Customers can now perform the much sought after Virtual Host operations as a self-service

1



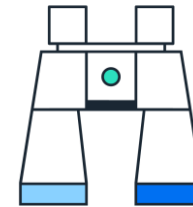
Enable mTLS – Client certificate authentication on the Virtual Host

2



Request additional Virtual Hosts

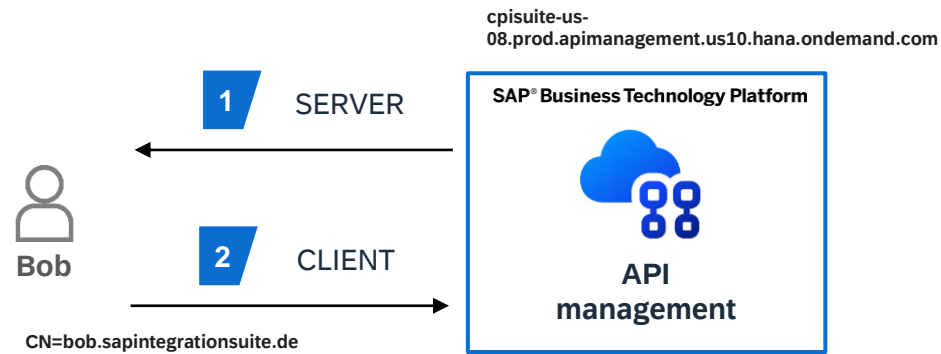
3



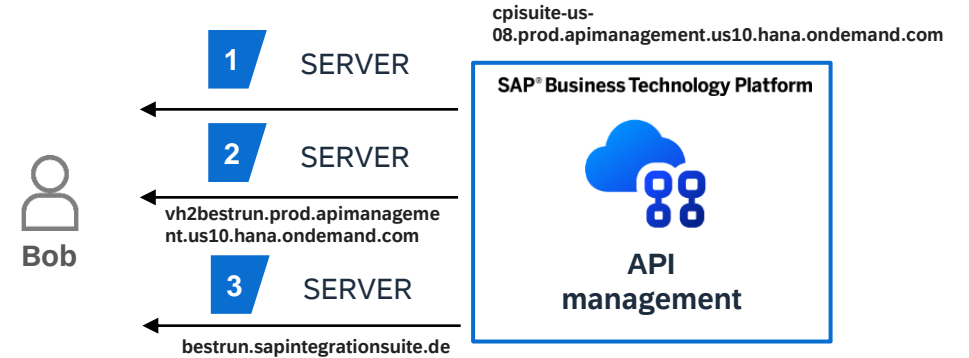
Support for Custom Domain certificates in the Virtual Host

Demo : Let's look at various possibilities of managing virtual hosts

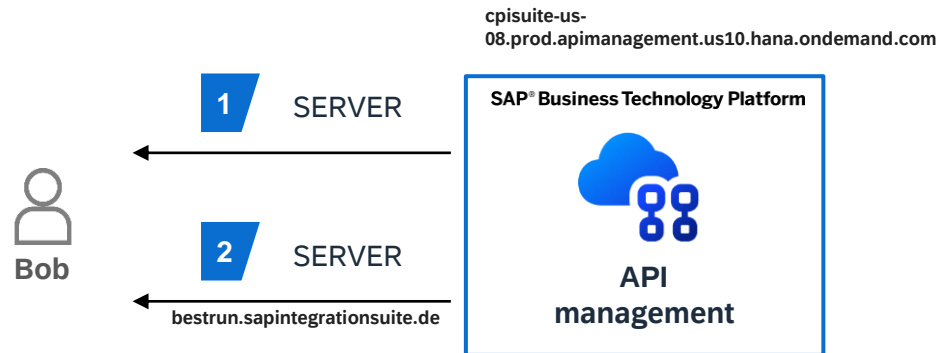
SCENARIO 1 : CLIENT CERTIFICATE AUTHENTICATION



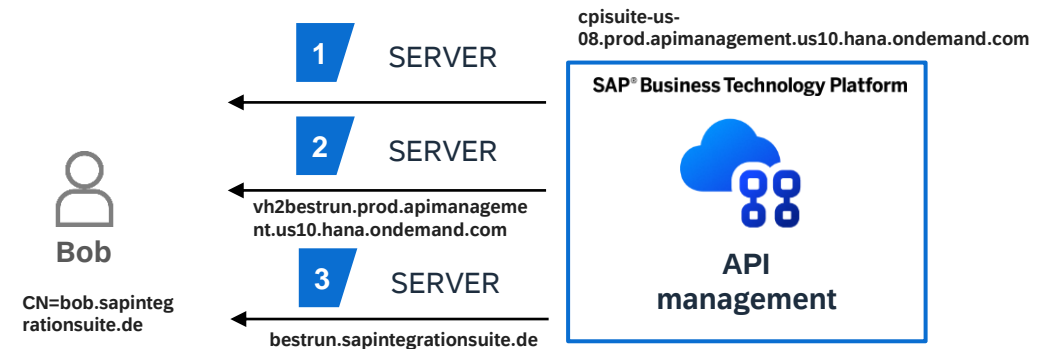
SCENARIO 3 : DEFAULT DOMAIN ADDITIONAL VIRTUAL HOST



SCENARIO 2 : CUSTOM DOMAIN VIRTUAL HOST



SCENARIO 4 : CLIENT CERTIFICATE AUTHENTICATION



Upgrade to new version of third-party connectors

Notification in your Cloud Integration tenant

The screenshot displays the SAP Integration Suite user interface. At the top, the SAP logo and 'Integration Suite' text are visible. A notification bell icon in the top right corner is highlighted with a white triangle. A notification popup is open, titled 'Notifications (1)', containing a message about the Apache Camel 3.14 runtime upgrade. The main content area shows a 'Welcome to SAP Integration Suite' banner with the tagline 'Simplify and accelerate enterprise integration'. A 'Recent' section is partially visible at the bottom left.

SAP Integration Suite

Welcome to SAP Integration Suite
Simplify and accelerate enterprise integration

Notifications (1)

Apache Camel Upgrade

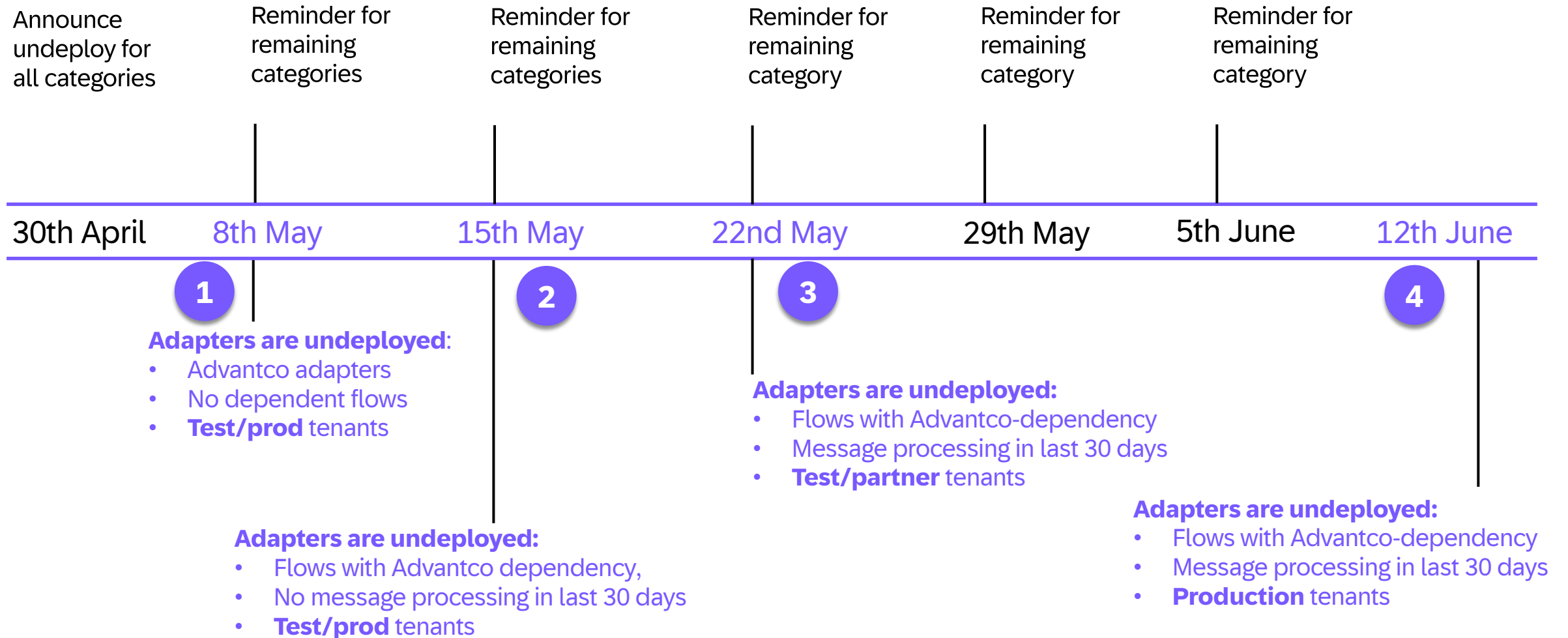
Apache Camel 3.14 runtime will soon replace the existing 2.24 version. Validate your custom integration adapters in the new runtime before your production tenants are updated. To know more, see [SAP Note 3326553](#)

Recent
View recently accessed artifacts.

Customer Communication (April 30) to inform about adapter undeployment

Category	Customer Tenants with	Time until undeployment
1	<ul style="list-style-type: none"> • Advantco adapters • No dependent flows • Test/prod tenants 	1 week
2	<ul style="list-style-type: none"> • Advantco adapters • Flows with Advantco-dependency • No message processing in last 30 days • Test/prod tenants 	2 weeks
3	<ul style="list-style-type: none"> • Advantco adapters • Flows with Advantco-dependency • Message processing in last 30 days • Test/partner tenants 	3 weeks
4	<ul style="list-style-type: none"> • Advantco adapters • Flows with Advantco-dependency • Message processing in last 30 days • Production tenants 	6 weeks

Customer Communication - Timeline



Getting ready for the Apache Camel upgrade

You migrated your integration scenarios to use the SAP Integration Suite OEM adapters offered by Rojo Integrations

Adapter Name	Technical Name	Download Zip File Name	Latest Version
Amazon Web Services	AmazonWebServices	CPISADPTAWS	1.0.8
Salesforce	Salesforce	CPISADPTSFO	1.0.18
Microsoft Dynamics CRM	MicrosoftDynamicsCRM	CPISADPTMSD	1.0.6
SugarCRM	SugarCRM	CPISADPTSGR	1.0.2

The adapters are Camel 2.x-compatible.

Camel 3.x-compatible adapter versions are available for the **latest adapter version** on SAP for Me.

To do: Check your adapter version and migrate to the latest adapter version first.

OEM Adapter Upgrade in SAP Cloud Integration and SAP Integration Suite

- Goto Settings >> Camel 3.14 Upgrade
- Select the checkbox *Enable porting of your existing OEM adapters to Apache Camel 3.14 runtime*

Allows automatic porting of OEM adapters into your tenant once the tenants are migrated

You can also do it manually, by downloading OEM adapters from *SAP for Me* and then uploading them.

If you do both, the **automatic porting option wins**.

Integration Suite

Runtime Profiles Transport System Custom Tags Malware Scanner **Camel 3.14 Upgrade** More

Upload Custom Adapter

Apache Camel 3.14 runtime will be available soon, replacing the existing 2.24 version. You can request a test tenant to validate and upload the adapted custom integration adapters before the software is updated with the new runtime version. Learn more about [Custom Integration Adapter](#).

Upload the custom integration adapters, which are compatible with Apache Camel 3.14 runtime.

Adapters (0) **Upload**

Adapter Name	Version	Description	Actions
No adapter uploaded			


Enable porting of your existing OEM adapters to Apache Camel 3.14 runtime.



OEM Adapter Versions on SAP for Me

<https://me.sap.com/softwarecenter> >> SUPPORT PACKAGES & PATCHES >> By Alphabetical Index (A-Z) >> C >> look for “SAP CP IS ADAPTER ADVANCE PACK” & “SAP CP IS ADAPTER BASE PACK”



SAP CPIS SALESFORCE ADAPTER

[DOWNLOADS](#) [INFO](#) [ECCN INFO](#)

 Multispanning: Packages that are larger than 4 GB will be packed in an archive, which is split into 4 GB parts. All archives need to be downloaded and unpacked. For more details on multispanning and how to extract the multi-part .exe archive on UNIX [See SAP Note 886535](#).

Items Available to Download (2) # OS INDEPENDENT  

Selected Items (0)

<input type="checkbox"/>	Name	Patch Level	File Type	File Size	Release Date	Change Date	Related Info
<input type="checkbox"/>	CPIADPTSFO_32-70006141.ZIP SP 00 PL 32 for SAP CPIS SALESFORCE ADAPTER - Camel 3x				01.2024	01.01.2024	
<input type="checkbox"/>	CPISADPTSFO_18-70006141.ZIP SP 00 PL 18 for SAP CPIS SALESFORCE ADAPTER				01.2024	01.01.2024	

To do: Download the Apache Camel 3.x compatible adapter version.

Last step and where to find more information

After the Apache Camel upgrade, the Apache Camel 2.x-compatible adapter is still part of the design time.

To do: Delete the Apache-Camel 2.x-compatible version from the **design time** and upload the Apache Camel 3.x-compatible version.

Further Information:

[Apache Camel Upgrade documentation for Neo](#)

[Apache Camel Upgrade documentation for CF](#)

[3326553 - Apache Camel Runtime 3.14.7 Upgrade - SAP for Me](#)

The following adapters must also be on the latest version for the Camel upgrade:



Adapter	Latest Version
ServiceNow	1.0.3
Workday	1.0.5
Dropbox	1.0.5
Slack	1.0.1
Splunk	1.0.3
Azure	1.0.3
Microsoft SharePoint	1.0.1
Rabbit MQ	1.0.6



Cloud Integration

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Design enterprise-grade integration scenarios

A poorly designed integration flow can lead to errors

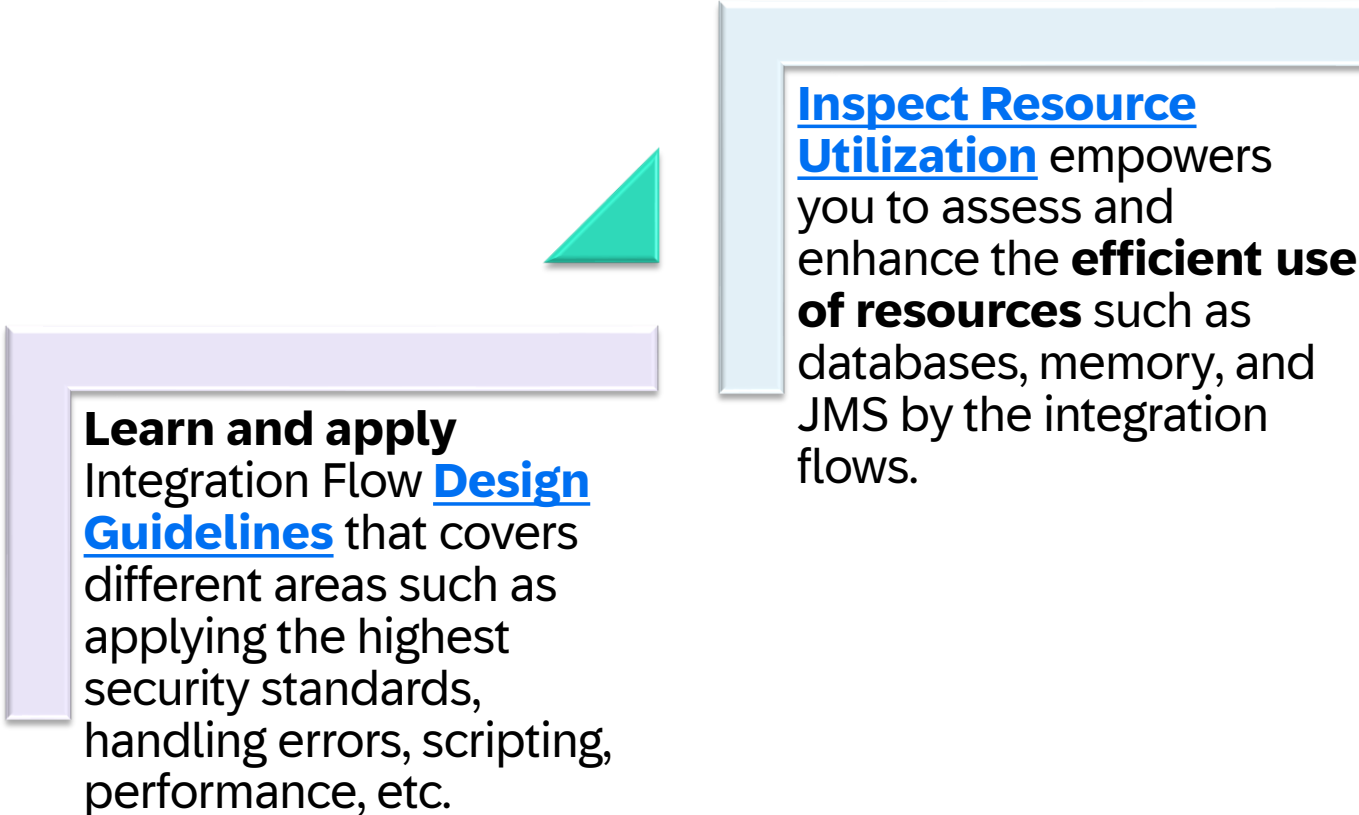
Integration flows share tenant resources that can indirectly affect one another

Customers must be aware of resource consumption and resource limits

Customers must relate resource consumption to integration flows

Building enterprise-grade integration flows helps to maintain overall business process availability

How can you design enterprise-grade integration scenarios?



Learn and apply Integration Flow [Design Guidelines](#) that covers different areas such as applying the highest security standards, handling errors, scripting, performance, etc.

[Inspect Resource Utilization](#) empowers you to assess and enhance the **efficient use of resources** such as databases, memory, and JMS by the integration flows.

How can you design enterprise-grade integration scenarios?

Learn and apply

Integration Flow [Design Guidelines](#) that covers different areas such as applying the highest security standards, handling errors, scripting, performance, etc.

Till now Integration Flow Design Guidelines serving as the guiding principles only.

With **latest increment**, the same **guidelines are now embedded within the software as rules** that help integration developers to programmatically validate the integration flows against them.

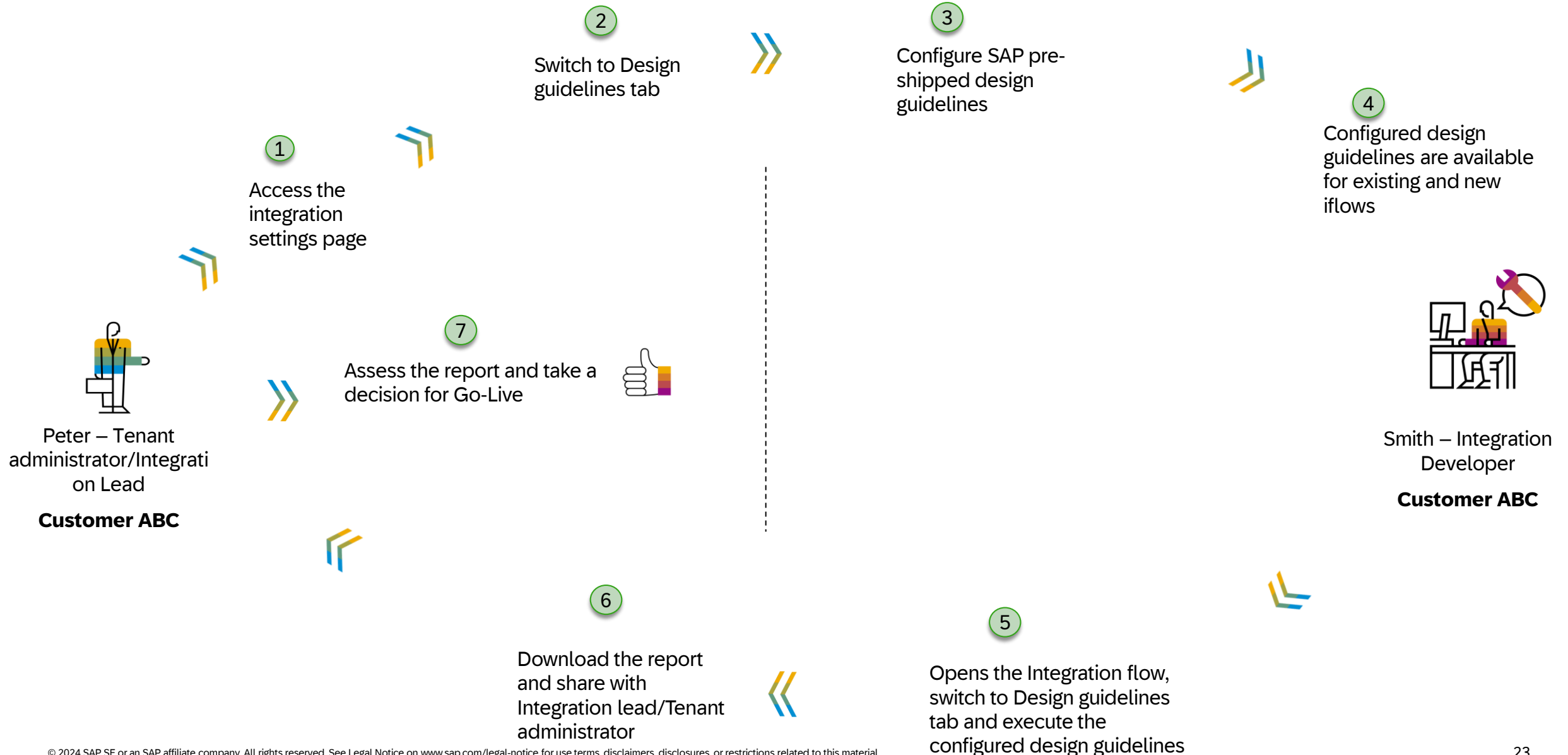
[Inspect Resource](#)

[Utilization](#) empowers you to assess and enhance the **efficient use of resources** such as databases, memory, and JMS by the integration flows.

Design Guidelines in Integration Flow Editor – Personas

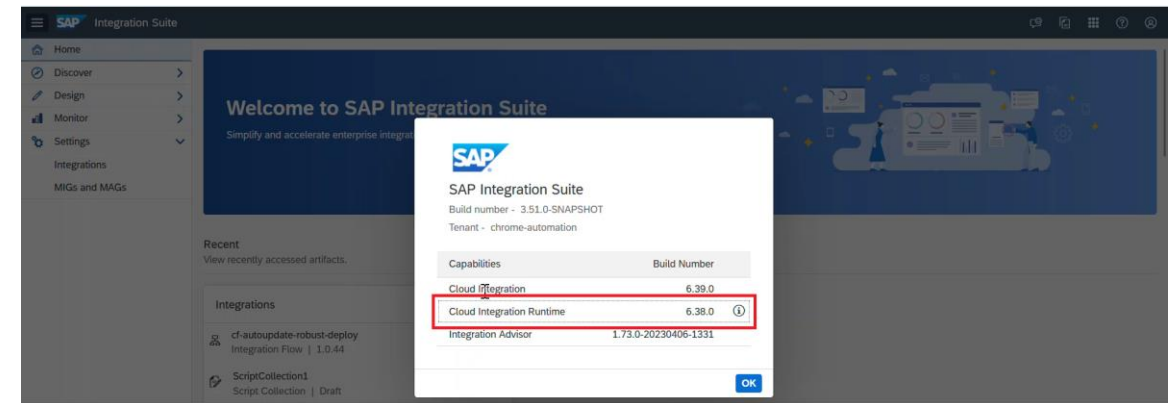
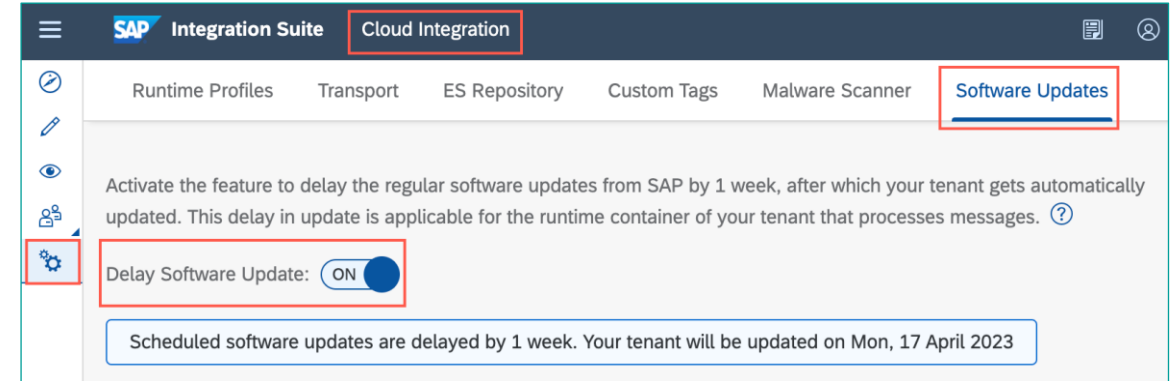
Persona	Responsibility
Tenant Administrator/Integration Lead	<ul style="list-style-type: none">• Configure the design guideline rules at the tenant level applicable for all integration flows/interfaces.• Review the guidelines report
Integration Developer	<ul style="list-style-type: none">• Execute design guideline rules on the integration flow. Download, share the report for review.

Scenario - Customer ABC would like to apply, run the design guideline rules on their interface before transporting it to the production environment for Go-Live.

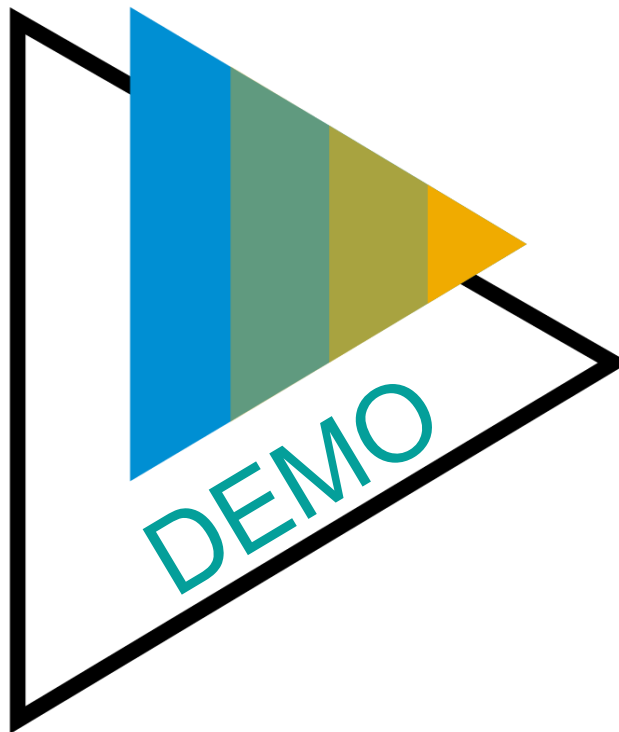


Delayed software update in Cloud Integration capability of SAP Integration Suite

- Production tenant updates and increments can be **delayed by a week** through a self-service option
- Effectively **mitigates regression risk** for custom integration flows
- Delay the software update in the production tenant and consume the regular update in the test tenant
- Applicable for **Cloud Integration runtime** only
- The delay is applicable only for the **monthly increments**
- The **About** dialog in the tenant displays the cloud integration runtime version, facilitating easy comparison of versions across test and production tenants



Navigate to the **Profile Button** (top-right corner) > Click **About** to see the Cloud Integration Runtime version



Other updates

- You can now define start and end dates for recurring schedules using the advanced scheduler.
See: [Define a Timer Start Event](#).
- You can now use the query modeller in the OData V4 receiver adapter to construct a query containing a deep structure for the GET operation.
See: [Configure the OData V4 Receiver Adapter](#)
- On February 9, 2024, the German tax authority communicated that on April 29, 2024 the Elster Rich Client (ERiC) library version will be increased to 39.4. The ELSTER adapter supports the new ERiC version as of SAP Integration Suite increment 2402.



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Q&A

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Thank you.

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