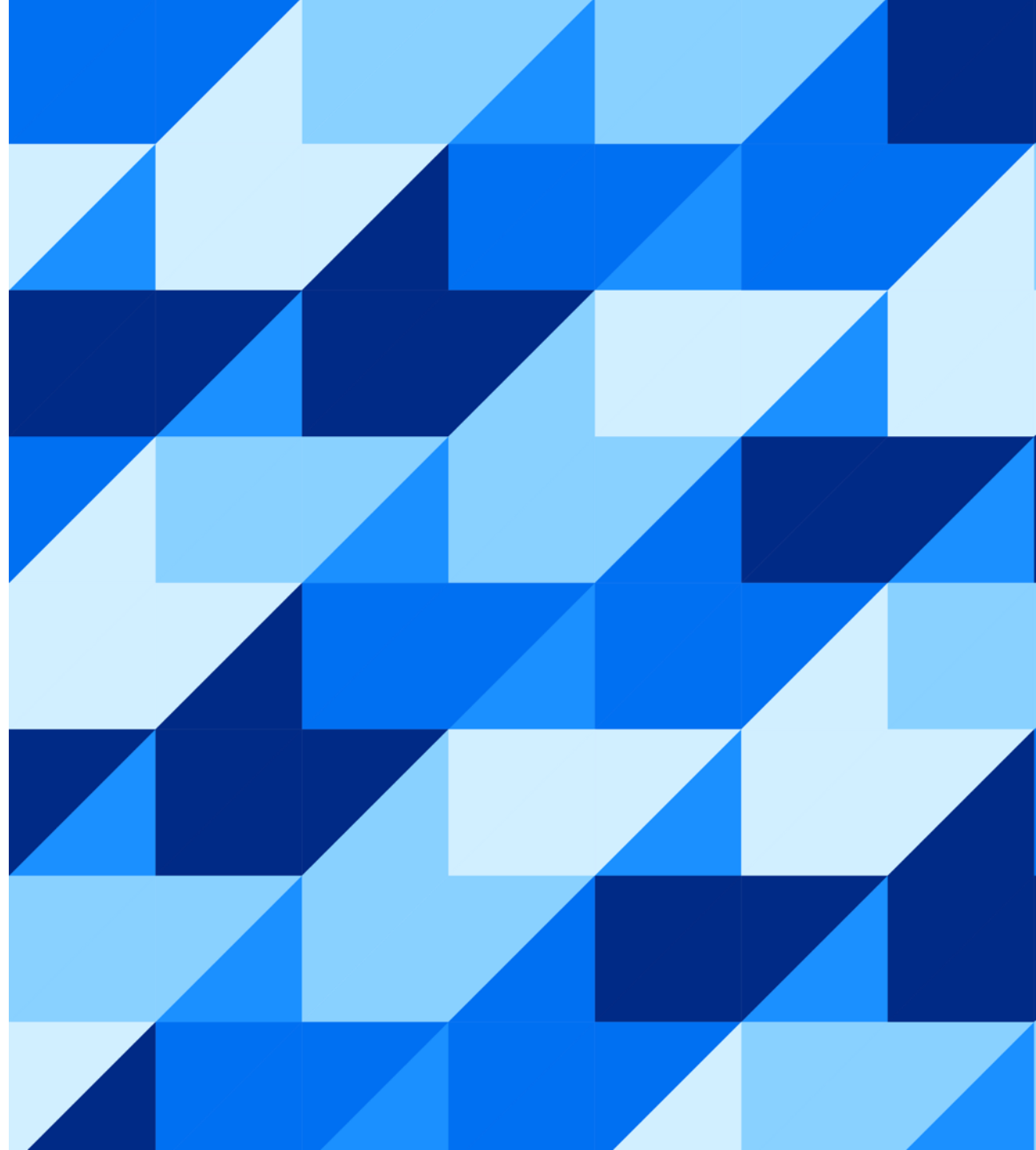




SAP Integration Suite Monthly Updates – October 2024

Product Management Team, SAP Integration Suite
Month 10, 2024

PUBLIC



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Agenda

- **Cloud Integration**
- **AmazonDynamoDB Adapter for SAP Integration Suite**

Cloud Integration

New Message Status Overview

- The Message Status Overview page provides a customizable overview of the messages processed and their respective statuses in a selected time frame.
- A quick navigation to and from the Message Monitor is also possible
- You access the Message Status Overview table by clicking the tile Message Status Overview in the section Monitoring Status Overview.
- Message Status Overview only works with edge locations that are running runtime version 8.20x or later, and Cloud Integration version 6.58.x.

See: [Monitor Message Status Overview](#)

The screenshot displays the SAP Integration Suite interface. The top navigation bar shows the SAP logo and 'Integration Suite'. The left sidebar contains a 'Monitor' section with 'Integrations and APIs' selected. The main content area is titled 'Monitoring Status Overview' and contains a 'Message Status Overview' tile. Below this, the interface shows a detailed view of the 'Message Status Overview' table. The table has columns for 'Artifact Name', 'Version', 'Failed', 'Retry', 'Completed', 'Processing', 'Escalated', and 'Total'. The data is filtered by 'All Artifacts' and shows a total of 317 artifacts. The table is sorted by 'Total' in descending order.

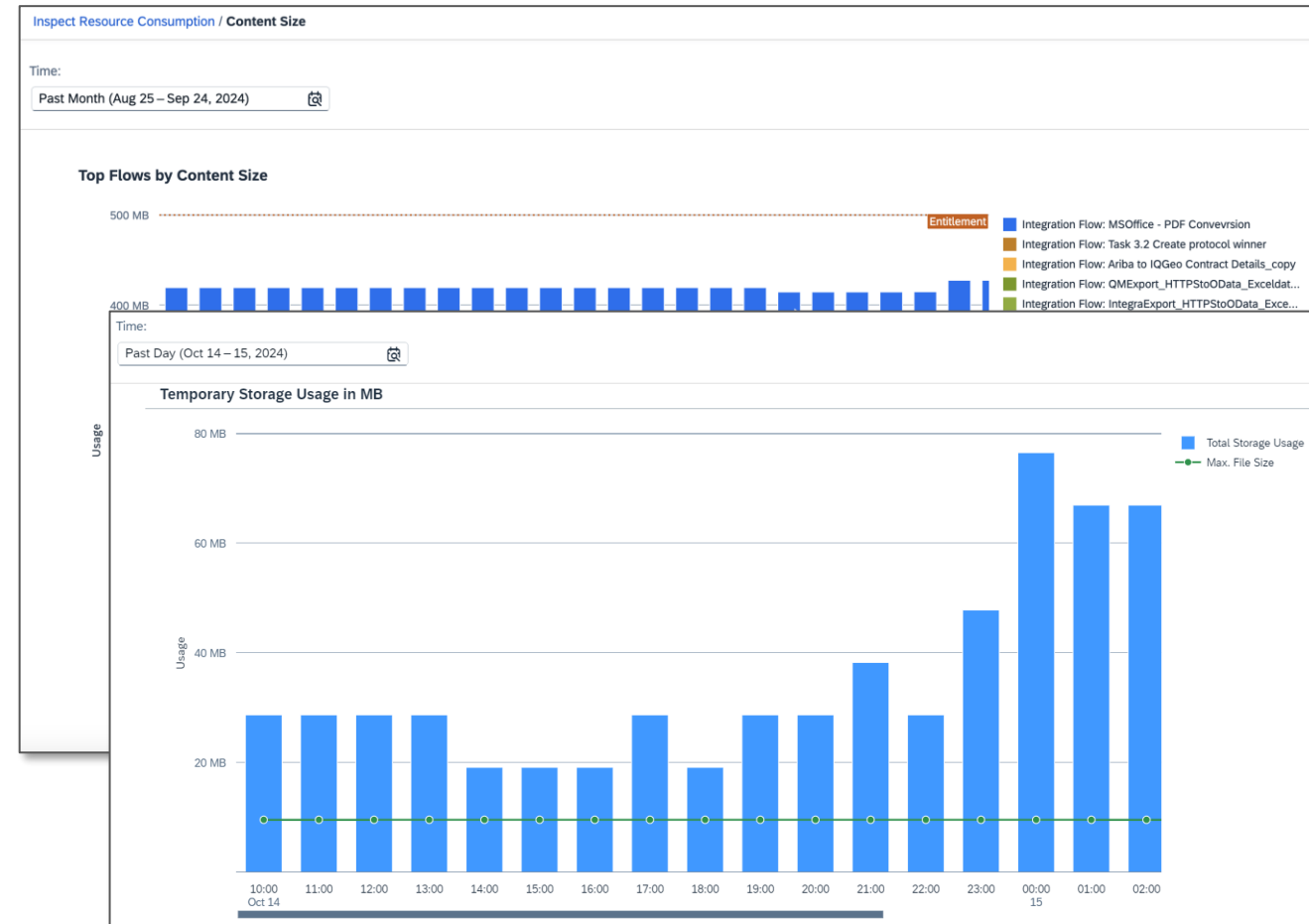
Artifact Name	Version	Failed	Retry	Completed	Processing	Escalated	Total
All Artifacts		21	0	279	0	0	317
[Redacted]	1.0.1	0	0	121	0	0	121
[Redacted]		20	0	0	0	0	20
[Redacted]		0	0	20	0	0	20
[Redacted]	1.0.0	0	0	20	0	0	20
[Redacted]		0	0	20	0	0	20
[Redacted]	1.0.0	0	0	20	0	0	20
[Redacted]	1.0.9	0	0	20	0	0	20
[Redacted]		0	0	20	0	0	20

New Inspect Content Size and Temporary Storage Feature

- Integration flows and other content artifacts get deployed to the file system rather than the database.
- You can now inspect the number of integration artifacts deployed on your tenant and the file size they allocate for a given time period.
- The Content Size feature calculates the total file size of all deployed content artifacts, including integration flows, value mappings, integration adapters, and so on.
- You can also now inspect the total storage usage that temporary files allocate in the database for a given time period.

See: [Inspect Content Size](#)

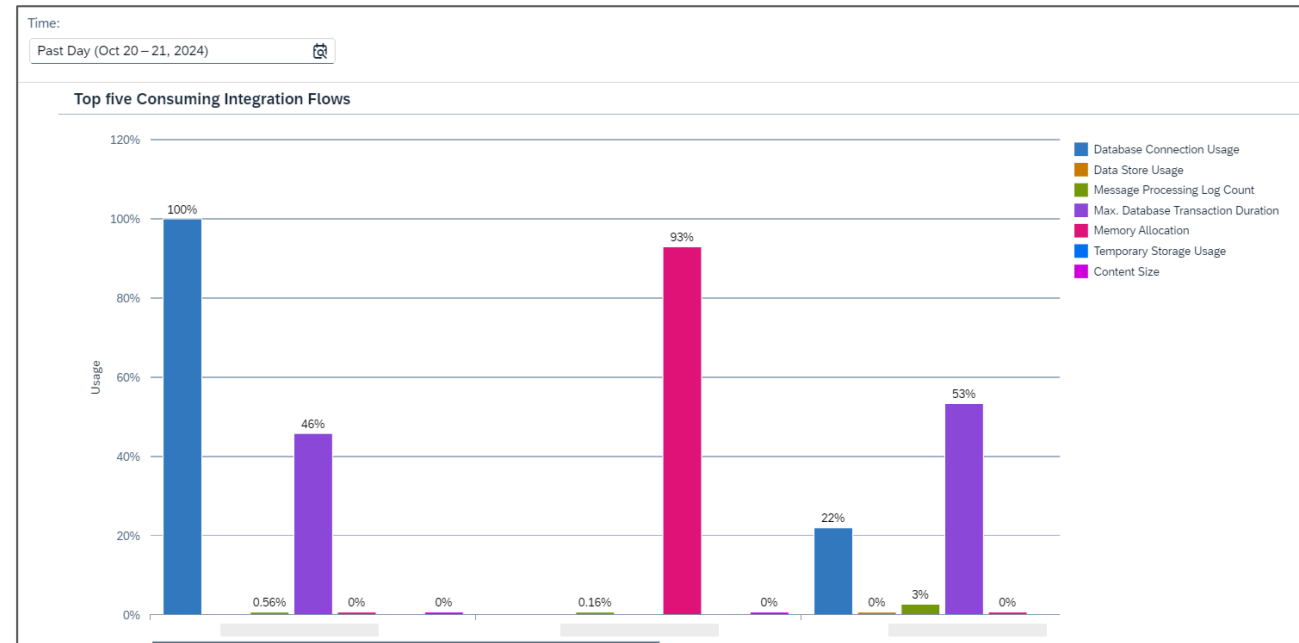
See: [Inspect Temporary Storage](#)



Inspect Feature Enhancements

- You can inspect the top five integration flows that consume the most resources.
- This feature allows you to analyze and compare the integration flows that allocate the most resources among all your deployed integration flows.
- When resource usage exceeds a critical value, a link appears on the respective tile. You can use this link to open an info panel, which contains information on how to resolve the critical situation.

See: [Inspect Top Consuming Integration Flows](#)



Automatic porting of consumed custom integration adapters

- The latest versions of your already consumed **AmazonWebServices**, **MicrosoftDynamicsCRM**, **Salesforce**, and **SugarCRM** adapters will automatically be ported to your tenants with Apache Camel 3.14 runtime.
- Validate these integration adapters in the test tenant before the tenants are migrated and the software is updated. For more details, see SAP Note [3326553](#).
- See: [Upload Custom Adapters](#)

Connectivity to MariaDB

- JDBC receiver adapter now supports connectivity to **MariaDB** cloud and on-premise database provided by MariaDB plc.
- Connectivity to MariaDB On-Premise database only supported if the integration scenarios are processed in an [Edge Integration Cell](#) runtime location.
- See: [JDBC for MariaDB \(Cloud\)](#) and [JDBC for MariaDB \(On-Premise\)](#).

Database Provider	MariaDB plc
Infrastructure	Cloud and On-Premise
SAP BTP Environment	Neo (Cloud Maria DB) and Cloud Foundry (Both)
JDBC URL Pattern	jdbc:mariadb://<host>:<port>/<database_name>:property1=value 1;property2=value2;...
JDBC URL Example	<code>jdbc:mariadb://mymariadb:1234/TEST_1</code>

Migration Tooling Improvements

With this increment, you can:

- Migrate ICOs that contain references to imported archives.
- Migrate ICOs that have the service interface of type IDOC. Earlier, only service interface of type "default" was supported.
- Migrate ICO that contain referenced context object and receiver rules. Migration tooling maps the referenced context object and receiver rules to the router conditions in the migrated integration flow.

See: [Supported Components](#) and [Migrate Integrated Configuration Objects](#).

Other updates

- A new parameter in the SFTP sender adapter, **Poll on one worker only**, allows you to specify that the polling process is performed on a single worker node only.

The SFTP Sender adapter now also allows you to specify a maximum file size for processing.

See: [Configure the SFTP Sender Adapter](#)

- A new special character is now allowed for Partner Directory. The ID of the **Partner**, **StringParameter**, **BinaryParameter**, and **UserCredentialParameter** can now contain the character '@'.

See: [Partner Directory](#)

- You can now edit the namespace for message type from the overview tab.

See: [Configuring Message Type](#)

- A new parameter in the AMQP sender adapter allows you to disable reply-to for a message.

See: [Configure the AMQP Sender Adapter](#)

- You can now use **PATCH** operation in the OData V4 receiver adapter to update existing entities.

See: [Configure the OData V4 Receiver Adapter](#).

Other updates

- The new SMB sender and receiver adapters are available now. The SMB adapter allows connection to the SMB server to perform all the common CRUD (Create, Read, Update, and Delete) based operations for files and directories. This adapter is available on SAP Business Accelerator Hub.

See: [SMB Adapter](#)

- You can now propagate the principal of the inbound technical user with the **Principal Propagation** authentication method in the HTTP receiver adapter. Earlier, this was supported only in the Neo environment.

See: [HTTP Receiver Adapter](#)

- The PKCS7/CMS Encryptor offers the following options for Content Encryption Algorithm (when for **Signatures** the option **Enveloped Data Only** has been chosen):

- **AES/CCM/NoPadding,**
- **AES/GCM/NoPadding.**

See: [Encrypt and Sign the Message Content with PKCS#7/CMS Encryptor](#)

- A new content encryption algorithm is supported by the Mail adapter:

- **AES/GCM/NoPadding**

See: [Configure the Mail Receiver Adapter](#)

Other updates

- You can now modify the envelope of the acknowledgment message (for EDIFACT and X12 EDI formats) generated by EDI Splitter.
See: [EDI Splitter](#)
- You can now import PI/PO message mapping objects with Simple Type parameter category.
See: [Creating Message Mapping as an Artifact](#)



AmazonDynamoDB Adapter for SAP Integration Suite

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Amazon DynamoDB is a fully managed NoSQL database service provided by Amazon Web Services (AWS). It is designed for fast, flexible, and scalable storage of structured data, making it ideal for applications that need low-latency, high-performance data access at any scale.

NoSQL

- Schema-less
- Key-Value and Document Data Models



Authentication

Access and Secret Key



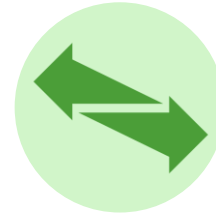
Operation

Create

Read

Update

Delete



Message Protocol

REST



Advanced Features

Manual expression Support

Detailed UI for intuitive configuration

Execute Custom statement

Features

Supported Operation

- Scan
- Query
- Put
- Update
- Delete
- Execute Statement

Additional Feature

- Supports all main operation that can be performed by AWS console
- Supports for both Intuitive UI and Manual expression
- Support for dynamic Header, Properties and Camel Expressions



DEMO

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