Integration Monitoring via Focused Run for SAP Solution Manager (FRUN)

Focused Run Product Management, SAP Digital Business Services, Customer Experiences & Solutions
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Agenda

What is Focused Run?

Advanced Integration Monitoring

➢ Big Picture

➢ Demo – Integration & Cloud Monitoring UI

➢ Demo – Scenario Configuration

Summary and Help Links
What is Focused Run?
Focused Run – Mission statement

• Is a **powerful solution for service providers** who want to host their customers in a **central, scalable, safe, and automated environment** with minimal TCO

• **Addresses customers & partner with advanced needs** for example in configuration monitoring, user monitoring, integration monitoring, dashboarding & artificial intelligence

• Uses the **full power of SAP HANA as a platform**, including replication, partitioning, predictive analytics, and compression

• Is a **separate installation**, which can run **side-by-side with an existing SAP Solution Manager**

• Provides feature rich and powerful **functionality dedicated to operations of IT solutions**

• Isn’t covered by maintenance fee, but **needs to be licensed separately from SAP**
Focused Run – Technical Architecture

Focused Run Application Foundation

- Landscape Management Database
- Simple Diagnostic Agent & SAP Host Agent
- Monitoring & Alerting Infrastructure
- Expert Scheduling Framework
- Simple System Integration
- Guided Procedure and Setup Framework

SAP HANA + SAP NetWeaver ABAP + SAPUI5 as Technology Foundation
Advanced Integration Monitoring
Big Picture

✓ provides one central overview of data exchange processes at application level in cloud-only and hybrid scenarios

✓ end-to-end monitoring across all SAP applications and major technology services

✓ closing the gap between business and IT
How does it work and Usage Scenario

Integration & Cloud Monitoring

Monitoring and Analytics

PI, PI Channels, IDoc, Bdoc, Web Service, qRFC, tRFC, bgRFC, ABAP Connections, Concur, C4C, CPI, ...
AppLog, Runtime Errors, Aborted Jobs, Syslog, Update Errors, Gateway Error, Cloud Platform, SF, HANA Cloud Integration Errors, ...

Message Alerting

Integration & Cloud Monitoring

Erroneous IDocs detected _ JDJIM0 (Application Server ABAP).msg
Integration & Cloud Monitoring
Consumption UI
Example: **Monitoring** via Integration & Cloud Monitoring

By analyzing **Messages per System** the following questions can be answered:

What is the **message distribution** for my **business systems**?

<table>
<thead>
<tr>
<th>Direction</th>
<th>Total</th>
<th>Error</th>
<th>Backlog</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbound</td>
<td>10.1k</td>
<td>6k</td>
<td>86k</td>
</tr>
<tr>
<td>Inbound</td>
<td>143.4k</td>
<td>39k</td>
<td>28k</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Direction</th>
<th>Total</th>
<th>Error</th>
<th>Backlog</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbound</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Inbound</td>
<td>363.2k</td>
<td>65.8k</td>
<td>88.2k</td>
</tr>
</tbody>
</table>

How many **erroneous messages** do I have in a **specific system** and what is the **current trend**?
Example: **Monitoring** via Integration & Cloud Monitoring

Get a detailed **status overview** per business system on the incoming/outgoing messages for **different interfaces**

Define **on the fly** which **aggregated view** you would like to have on your data
Example: **Monitoring** via Integration & Cloud Monitoring

Drilldown to **single messages** to check individual issues and message details.

Check **status history and important payload fields** for the selected message.
Example: **Monitoring via Integration & Cloud Monitoring**

Get an overview on **exceptions, usage and performance** of scenario related end-to-end message flows.

Drill down to the **graphical visualization** of the single end-to-end messages flow.
Example: **Analytics** via Integration & Cloud Monitoring

Get an overview on **historical data** for the different integration types to identify **trends** and compare **different time periods**.
Example: Tracking via Integration & Cloud Monitoring

Where is my document? Use the new Enhanced Document Tracking feature to find your document independent on categories and components.
Example: **Alerting via Integration & Cloud Monitoring**

Get an overview on **scenario related alerts**. Use forward navigation to analyze the alerts in the Alert Inbox.

Handle alerts with action like Add Comment, Assign Processor, …
Integration & Cloud Monitoring
Additional Features – Scope Selection

The Integration & Cloud Monitoring offers an **advanced scope selection**.

As **application support users** you can open the application via **systems** and **cloud service selections**.

As **integration owner** you can open the application via **scenario’s selection**
Customers can **create their own pages** by defining which views they would like to see and what shall be visualized within a view.
Integration & Cloud Monitoring
Additional Features – Exception Monitoring

Get an **overview on the integration relevant exceptions** in your **hybrid scenarios** and check which area currently has the highest number of issues.

Check integration relevant **exceptions** that occur on the **on premise systems** as well as exceptions which are related to **SAP public cloud services**.
Integration & Cloud Monitoring Configuration
Summary and Help Links
Summary and Help Links


Advanced Event & Alert Management (AEM)
Advanced System Management (ASM)
Advanced User Monitoring (AUM)
Advanced Integration Monitoring (AIM)
Advanced Configuration Monitoring (ACM)
Advanced Root Cause Analysis (ARA)
Advanced Dashboarding & Intelligence (ADI)


Integration & Cloud Monitoring

Scope

Integration and Cloud Monitoring provides monitoring of data exchange in-between different systems within a system landscape or between systems within a landscape and external components (e.g. public cloud services). Data is collected on managed system side (e.g. for IDocs and PI Messages) and transferred to the Focused Run system or is directly pulled from APIs exposed by the public cloud services into the Focused Run.
Thank you.