SAP Focused Run – News with Release 2.0 FP03
Overview
SAP Focused Run – Release Strategy

- **Continuous delivery of new innovations** based on customer feedback
- Keeping functional focus on **application operations for hybrid landscapes**
- **Three year release cycles** with delivery of **two delivery units per year** ➔ One year overlap to change to next release
- **Regular technology updates** for ABAP, HANA and SAPUI5 to use latest innovations
SAP Focused Run - Product road map overview & key innovations

System Mgmt./Configuration Monitoring
- UI improvements for System Monitoring
- Improved MAI template maintenance and rule based MAI template assignment
- RFC and TCP availability as metrics for Open Component Monitoring plus house keeping
- Mass maintenance and UI improvements for Service Availability Management
- Advanced alert integration in Configuration Monitoring

Alert Management/Operation Automation
- Improved Alert Clustering in Alert Management
- Support of hosts as managed entities by GP FWK

Integration Monitoring/User Monitoring
- Integration Monitoring: Enhanced monitoring content and several UI improvements
- New views “topology view” and “client overview” in Real User Monitoring
- Trace integration and increased configuration flexibility in Synthetic User Monitoring

Root Cause Analysis/Analytics and Intelligence
- UI improvements in System Analysis plus improved handling of Open KPI Store
- New data providers and content for OCC and tactical dashboards

Recent innovations

FRUN 2.0
FP03

FRUN 3.0
FP01+FP02

FRUN 3.0
SP00

2020 – Planned innovations

Finalization of UI unification based on collected customer feedback → Establish identical user experience in all SAP Focused Run applications

Support of agentless push based data transfer → Increase coverage for SAP based cloud products for all application monitoring use cases

Establish “Advanced Application Management” as new category for applications which cover on-premise as well as cloud products

Establish “Health Monitoring” as new application for unmodelled and non-correlated monitoring of on-premise systems and cloud services

Correlation
- Correlate events and metrics coming from different monitoring use cases to problem contexts to accelerate the problem resolution process
- Increase support to identify “correlation potential” and to derive associated correlation roles

Prediction
- Predict anomalies across all monitoring use cases to allow identification of problems before they influence business service availability

Automation
- Close the gap between problem detection and problem resolution by delivering out-of-the-box and automated “problem resolution procedures”
- Provide automation content for on-premise and cloud products to relieve operation staff from reoccurring tasks

Open infrastructure
- Simplified consumption of external data sources including UI integration and correlation with data originally coming from SAP Focused Run

Content, content, content, ...
- Follow SAP’s strategy to cover the complete SAP product scope from operation perspective
- Support in particular all components belonging to Intelligent Suite as target architecture

2021 – Product direction

2022 – Product vision

1. This is the current state of planning and may be changed by SAP at any time without notice.
SAP Focused Run – Use Cases & High Level Architecture

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 Analytics & Intelligence (AAI)

SAP Focused Run - Application Foundation
Landscape Management & Database
Simple Diagnostic Agent & SAP Host Agent
Monitoring & Alerting Infrastructure
Expert Scheduling Framework
Simple System Integration
Guided Procedure Framework

SAP HANA + SAP NetWeaver ABAP + SAPUI5 as Technology Foundation
Advanced System Management
System Monitoring – UI Improvements

New features are:

- **Filter, group, sort and download** possibilities for systems, databases and host information

- Additional **LMDB Attributes** of Technical Systems in the system list can be displayed

- Enhancement of the **Metric Monitor** to display **metric variants** of the **metric group**
System Monitoring – MAI Content

New features are:

• New Individual Maintenance and Assignment including Default and Rule-based Assignment, Individual Maintenance and Manual Assignment of Monitoring Templates

• New Content Management including Template Comparison and Impact Analysis
Central Notification Management

New features are:

- Improved **handling of system users**
  - Report **CNM_SYNC_SYSTEM_USERS** can be scheduled as a batch job to delete recipients from recipient list if the corresponding system users are deleted.
Open Component Monitoring

New features are:

- **New TCP Availability** metric
  - **Timeout Period** in which Data Collector expects a response from monitored host/TCP Port of host
  - **Number of Retries** which defines how often Data Collector calls monitored host/TCP Port of host

- **New RFC Availability** metric
  - **Basic Authentication** (User/Password)
  - **Client** (used for Authentication)
  - **Timeout Period** of in which Data Collector expects a response from monitored server
  - **Number of Retries** defines how often Data Collector calls monitored server until a response is received
Open Component Monitoring

New features are:

• Enhancement for **Housekeeping**
  – Check status of background jobs
  – Regularly deletion of data not needed

• **New Attribute Overview**
  – Overview about **Availability Metrics** with red or green status

• New possibility to **assign Availability Metric** to a **Technical System**

• **Confirm Alert when Availability Metric is changed/deleted**
  – In case of **Changes in Customer Network** or **Technical system context**
  – In case **Availability Metric** is deleted
Open Component Monitoring

New features are:

- You can **download** data as **Excel file**
- You can now **suppress Alert** during planned downtime
Work Mode Management and IT Calendar – Application

New features are:

• **External Anonymous Access** to IT Calendar
  – You can expose the IT Calendar to non-FRUN users in read only mode

• **Improved host support**
  – You can switch to the new hosts view to see the planned events on host level
  – You can schedule work modes like planned downtimes directly for the hosts of a managed system
Service Availability Management

New features are:

- Mass maintenance of outages
  - You can **manually create outages** for multiple systems at the same time
  - You can manually **edit existing outages** for multiple systems at the same time

- Usability improvements
  - You can see the **downtime duration** in minutes in the **outages screen**
  - You can better **search, sort or filter for outages**
Guided Procedure - Application

New features are:

- **Improved Host support**
  - You can define *guided procedures for hosts*
  - You can *execute guided procedures manually* on single *hosts*
  - You can plan single or recurrent *execution of guided procedures in background for high number of hosts*

- **Usability improvements**
  - *Status overview* showing the number of Guided Procedure instances *per status*
  - *Export* of guided procedure instances *to MS Excel*
New features are:

• **New and enhanced Guided Procedure Plug-Ins**
  – Plug-In “Display metric time series” supports now also the display of metric groups and metrics reported on database replication level
  – Plug-in “Check Related Alerts for Current System” displays the related alerts in an alert correlation cluster. It can be used in Alert Reaction Procedure triggered from alerts
  – New Plug-in “Execute SQL Statement via Host Agent” allows to execute predefined SQL statements for SAP HANA Databases and display the result in the guided procedure or the result report. Available statements are:
    o HANA_Configuration_Infrastructure
    o HANA_Configuration_Overview
    o HANA_Security_MiniChecks
Job Monitoring

New features are:

- Improved **monitoring** of on-premise ABAP jobs
  - Mass configuration based on **template object** and system conditions
  - Auto-adjustment of job group can be restricted
    - Based on **group name prefix** you can restrict to Systems of IT Admin Role Quality Assurance or Production
    - Via BAdi **BADI_AJM_AUTO_ADJUST** you can implement additional rules
Job Monitoring

New features are:

- Improved monitoring of on-premise ABAP jobs
  - Efficient Selection of Jobs to be monitored ➔ If you monitor a dedicated list of jobs you can add them to your group
SAP Early Watch Alert

New Features are:

- **Sorting** the list of systems along various aspects

- **Improved filtering**

- **Improved activation/de-activation** of systems

- **UI alignment of processing status** for **ABAP** and **Non-ABAP systems**
Advanced User Monitoring
Real User Monitoring

New features are:

- **Generic View** with **metric selection** and **dimension selection**

- **Different Chart Options** available
Real User Monitoring

New features are:

- New page **Topology Requests** communication between source and target system including **request name**
- **Drilldown** to Request Overview for deeper analysis.

- New view **Client Overview** with combination of **user name, OS version browser version** and last activity in selected time range.
Synthetic User Monitoring

New features are:

- Possibility to trigger server-side **trace collection** in **Trace Analysis**
- On-demand additional **executions**
- Creation of **Scenario Group** to group related scenarios
- The **Overview** view now gives the possibility to “aggregate” both the **locations** and the scenarios
- **Change scenario name** directly from the SUM configuration
Advanced Integration Monitoring
Integration and Cloud Monitoring

New features are:

• Enhanced monitoring content for **S4/HANA on-premise and cloud**
  – AIF Messages of type SYNC_LOG
  – E.g. relevant for **Cost Center Replication** Monitoring

• Improvements in the Integration Monitoring Setup
  – **Enhanced Alert Configuration (Alert per Variant)**

• Improvements in the Integration Monitoring **User Interface**
  – Support of **non-SAP Systems** in Topology
  – UI unification
Cloud Service Management

New features are:

- Using the **Cloud Service Management** you can define cloud services of type **SAP Marketing Cloud**
  - Within Advanced Integration Monitoring you can define application log filters relevant for Marketing Interactions imports
Exception Management – Application

New features are:

- For ABAP systems you can group alerts on a set of predefined alert parameters, as specified while defining the alert filters
  - You can visualize in the Alert Inbox all alert instance groups
Advanced Event and Alert Management
Alert Inbox

New features are:

• Enhanced **Alert Correlation** functionality
  – Allow correlation on more alert attributes to enable
    o clustering of all alerts of a certain type across managed systems (e.g. all certificate expiration alerts)
    o clustering of all alerts of a certain customer
  – Allow **more fine granular filters** for correlation rules to increase cluster quality
• Provide **drill-down** from alert reporting to list of individual alerts
• **Out of the box** integration between Alert Inbox and **Solution Manager ITSM**
• **Guided Procedures** for Alert Clusters
Advanced Configuration Monitoring
New features are:

- **Configuration Validation** improved performance:
  - Reads validation storage results (last 24 hours)
  - Policies can be scheduled for Validation Storage

- **Alerts of Validation result** w/o System Monitoring:
  - Alert Definition creates alerts
    - on System, Config Store, Check or Item level
    - Hourly, Daily, Weekly

- **API** (public) for aggregated Validation results
New features are:

- **Config stores for:**
  - cloud connector
  - M_LANDSCAPE_HOST_CONFIGURATION

- Tables stores for profiles of Web Dispatcher: DEFAULT.PFL.TABLE and INSTANCE_PROFILE

- Store Template Management **UI:** SAPUI5 instead of WebDynpro
Advanced Root Cause Analysis
System Analysis

New features are:

- **Downloaded data** from a view is now exported as a Microsoft Excel file instead of a CSV file.

- For **shared pages** a **relative timeframe** can be set.

- **Improved Root Cause Analysis (RCA) Capabilities Configuration**
  - In the overview table for active RCA capabilities you can directly activate or deactivate collection.
  - You can configure based on **LMDB attributes** which RCA capabilities should be activated automatically via Simple System Integration (SSI).
System Analysis

New features are:

- Improved **Open KPI Store**
  - An **indicator** informs directly for **senders and metrics** if data is available
  - **Open KPI senders** can be mapped to **LMDB scope** selection
  - **Sender types** can now also be deleted
Advanced Analytics & Intelligence
OCC Dashboards

New features are:

- **Single-scale Time-Series Chart**
  - Distribution Resolution support
- **New Data Providers**
  - Jobs Monitoring
  - System Availability Monitoring
  - Configuration & Security
  - Open KPIs
- **New Renderers**
  - Analytics Map
  - Tree map
- **Alerts Ticker integration**
- **Direct URL access**
Tactical Dashboards

New features are:

- Improved **System Monitoring** use-case:
  - New Details views for **Maintenance** category
    - Installed SAP Products
    - Operating systems
    - Database version
  - Direct **URL access**
Infrastructure Administration
Simple Diagnostic Agent – Infrastructure

New features are:

• Usage of **Private Security Environment** of **SAP Host Agent**
  – The Simple Diagnostics Agent support two **security infrastructures** for **certificate management**
  – Auto detection of **Private Security Environment** (PSE) of SAP Host Agent
System Preparation Tool

New features are:

- New configuration tasks for the **Preparation Tool**
  - You can configure the **HANA DB data supplier**
Thank you.