Focused Run – News with Release 2.0 FP02
Overview
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

![Focused Run for SAP Solution Manager 2.0](image-url)
Focused Run - Product road map overview & key innovations

**Recent innovations**

**System Mgmt./Configuration Monitoring**
- Job Monitoring for system jobs via job groups
- New OCM content (RFC Availability, OS Scripts, Log files), API driven OCM configuration and load balancing
- New tiles for EarlyWatch Alert in FRUN Launchpad
- New UI5 based Policy Editor in OSA and new content

**Alert Management/Operation Automation**
- Alert management: Bi-directional outbound integration, Fuzzy search and additional alert keys
- GP Framework: GP Runtime & Executions with SAPUI5 based UI, new GP plug-ins e.g. task lists

**Integration Monitoring/User Monitoring**
- Integration Monitoring: New content (SLT, SAP MII, AIF messages for SAP S/4HANA Cloud and OP)
- Exception Management: New content for cloud products as Ariba CGI, IBP, and HANA SDI
- WebDynpro and WebGUI support for RUM
- Synthetic User Monitoring configuration UI in SAPUI5

**Root Cause Analysis/Analytics and Intelligence**
- Open KPI Store to integrate external data sources as API or infrastructure monitoring tools
- Operations Control Center and tactical dashboards
- Configuration automation of System Anomaly Prediction and some UI improvements

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**2019 – Planned innovations**

**System Mgmt./Configuration Monitoring**
- Data collection for remote services (GoingLive Check, EarlyWatch Check, OS/DB Migration Check)
- Job Monitoring for application jobs via job groups
- SysMon content comparison tool and change log
- Improved support for availability metrics in OCM
- Cloud Platform Integration – Certificate Alerting

**Alert Management/Operation Automation**
- Alert Management: Rule based alert correlation and integration with SolMan Service Desk
- GP Framework: GP Catalog & GP Planning Management with SAPUI5 based UI and further UI usability improvements

**Integration Monitoring/User Monitoring**
- Integration Monitoring: Enhancement of existing content (SLT, MII, IDOC, AIF/XML messages) and data flow verification for cFIN
- Support for S/4 HANA CE for Real User Monitoring and geo map view (mapping of users to locations)

**Root Cause Analysis/Analytics and Intelligence**
- Tabular overview of RCA capabilities per system
- New content for OCC and tactical dashboards
- Semi-supervised models to allow customers to build their own prediction models

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**2020 – Product direction**

**Changed data retrieving approach**
- Support of agentless push based data transfer to increase coverage for SAP based cloud products for all application monitoring use cases

**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

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

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**2021 – Product vision**

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

**Usage of machine learning**
- Initial threshold definition and dynamic threshold adaptation based on machine learning for application monitoring use cases

**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

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

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

New features are:

• On the database page **additional DB information** is displayed (e.g. DB Name, DB Type, Is Standalone, Is Replication Source or Target)

• In System, Database and Host view **work mode** and more **details about the alerts** is shown (open alerts, Managed Object Name and Type, Processor, Last Comments)

• In System Downtime Monitor **system list** can be **downloaded as CSV**
Open Component Monitoring

New features are:

• New **Http Availability** metric supports:
  – **User Authentication** (Basic Authentication and OAuth)
  – **Content Check** (based on regular expressions)
  – **Improved display** of Availability times (Uptime / Downtime, Last 5 measurements)
  – **Multiple KPIs** with history (Response Time, Https Certificate Lifetime, Status Code)
Work Mode Management and IT Calendar – Application

New features are:

- **New views in IT Calendar**
  - You can use the new “Condensed view” in IT Calendar to get a better overview over planned events for your systems
  - You can use the new “Upcoming Events” view in IT Calendar to see which events are planned for today and the upcoming days. You can search for upcoming events

- **Improved mass Work Mode scheduling**
  - Simple scheduling of work modes for all systems in a data center via file upload
Work Mode Management and IT Calendar – LaMa Integration

New features are:

- **New SAP Landscape Management (LaMa) Work Mode Management Integration:**
  - Alert suppression during LaMa stop operations
  - LaMa automatically schedules planned downtimes in Focused Run when stop operations are performed
  - LaMa automatically shortens active planned downtimes in Focused Run when start operations are performed
  - Supported system types: ABAP, JAVA, HANA
Service Availability Management

New features are:

- New tab “Alert Details” in outage details view
  - Provides information about the originating alert for the outage.

- New Blacklist for alerts that should not contribute to outages
  - Blacklist of alert details is maintained in a customizing table.

- On the Outages screen of the Outage Maintenance page, two columns have been added:
  - Unplanned Confirmed Downtime: Unplanned downtime (in minutes) of confirmed alerts.
  - Unplanned Total Downtime: Combined unplanned downtime (in minutes) of both confirmed and unconfirmed alerts.
Guided Procedure – Infrastructure

New features are:

- **Guided Procedure Executions, Catalog and Planning** UI has been completely redesigned in **UI5** with improved usability (access to all relevant UIs from **one tile**).
Guided Procedure Content

New features are:

- New Guided Procedure Plug-Ins to include System Monitoring Metrics into guided procedures and into the guided procedure result report like System Health Check
  - Plug-In “Display metric time series” to include arbitrary system monitoring metrics with selectable time frames
  - Plug-in “Display metric rating time series” to include the result of arbitrary system monitoring metrics with selectable time frames. It is especially useful to visualize availability metrics measured by system monitoring.
  - Plug-in “Display current metric values” to include the latest result of arbitrary system monitoring metrics
Job Monitoring

New features are:

• Monitoring of **any ABAP Job** executed in on Premise **ABAP-Systems** for:
  – Status
  – Delay
  – Duration
  – Job Active
  – Job Log Messages

• **Periodic Application Jobs** are retrieved and can be selected for monitoring with central (group) settings.

• **Get automatically standard jobs** monitored with group default settings in case of **changes** to a **customer network**
Job Monitoring

New features are:

- **Pattern based** monitoring
  - e.g. by specifying a report for job identification or parts of the job name instead of concrete job names

- **Individual adjustment of monitoring configuration** per job
New Features are:

- Link to **EWA processing status** in ONE Support Launchpad for downloads which are fully green points to **EWA workspace** for ABAP/HANA systems and to the EWA viewer for NON-ABAP
- **Sort** the list of systems along **SIDs** and **rating**
- Make the on/off switch only appear for **non productive systems**
- Align internal handling of **processing status** for **ABAP** and **Non-ABAB systems**
Advanced User Monitoring
Real User Monitoring

New features are:

- Monitoring of performance and usage for **SAP S/4 HANA Cloud** of request types http(s), Web Service and frontend measurements for **Fiori/SAPUI5, Web Dynpro** and **HTML GUI**
Synthetic User Monitoring – Infrastructure and Configuration

New features are:

- **Data Quality Indicator** indicates if SUM scenarios are properly executed as scheduled.
- **Reassignment** of hosts to a SUM Location (robots).
- SUM configuration automatically reacts to SSI changes.
- Possibility to **deploy/undeploy** scenarios from the **Location** configuration.
- Dedicated **configuration screen** for easier definition of the **Scenario schedule**
- New scheduling capability **Cross-Location proposal**
Synthetic User Monitoring - Application

New features are:

- **Comparison view** gives the possibility to compare Scenarios and/or Locations.

- The **Overview** view now gives the possibility to “aggregate” the locations.

- **Work Mode** integration for scenarios and alerts via the association of SUM scenario to the Systems.
Advanced Integration Monitoring
Integration and Cloud Monitoring

New features with are:

- New monitoring content for **Central Finance Integration (cFIN)**
  - Data Flow Verification (DFV) Monitoring
  - SAP Landscape Transformation Replication Server (SLT) Monitoring

- New monitoring content for **SAP Manufacturing and Integration and Intelligence (MII) Queues**

- Improvements in the Integration Monitoring Setup
  - Filters created for scenarios can be reused in alerts and vice versa
  - User-dependent visibility of ICMon scenarios
  - Creation of alerts per variant for connection monitoring
Exception Management – Application

New features are:

- New monitoring category **SAP Ariba Cloud Integration Gateway** document processing failures
  - Additional **filters** can be set e.g. for **Alert Type**
Advanced Event and Alert Management
Alert Inbox

New Features are:

- **New Alert Correlation** functionality
  - **Reduce manual work** by grouping together all alerts showing different symptoms of the same issue
  - **Allow focused work on issue resolution** without distraction by parallel workstreams
  - **Alert clusters** can be handled in alert inbox directly without the need to handle each individual alert separately
  - **Outbound integration** allows to reduce number of created incidents by opening of **one incident per alert cluster**
Advanced Configuration Monitoring
New features are:

- **Policy Management** with improved selection, copy function and **version handling** including validation

- Using **LMDB custom attributes** in policies

- **Changes and Search** enabled for restriction on **config store** to get a **cross system** list of items

- **CSA Data collectors** for System Monitoring:
  - Failed ABAP **transports**
  - Store **Changes**

- Transformation of **XML and JSON** sources to **TABLE stores** enabled for validation
New features are:

- **New Config stores for:**
  - **CPI_CERTIFICATES** for Cloud Platform Integration – Certificates
  - **Inventory, BOBJ_AUTHENTICATION and BOBJ_VERSION**
  - **HANA License, XSA Level**
  - **JAVA Destinations** (combines the destinations to one store)
Advanced Root Cause Analysis
System Analysis

New features are:

• **New default page** for SAP Web Dispatcher
• **Enhanced Host page**
  – Network metrics added
• **Availability metrics** added to **some default pages**
• **Tabular overview** of active RCA capabilities
• **HANA expensive statements statistics** enhanced
• **Open KPI Store enhancements:**
  – Sender type registration
  – Alerts on missing data
Advanced Analytics & Intelligence
Tactical Dashboards

New features are:

- **New category** for System Monitoring use-case:
  - Backup & Maintenance
- Availability category extension
  - SAM support
  - Aggregated event support (Availability Mode)
  - Application server drilldown
- User Load category extension
  - Application server drilldown
- Performance category extension
  - HTTPS support
  - Option to Hide Total Dialog Steps in details page
- Maintenance View
- Backup View
- Support of planned downtime
Infrastructure Administration
Simple System Integration

New features are:

- During prerequisites phase, HANA and HANA XSA monitoring user connections will be checked, for:
  - Technical systems running on HANA or HANA XSA
  - Standalone HANA or HANA XSA systems

- For ABAP systems a LOGON group can now be specified:
  - SSI will check the connection for the LOGON group
  - MAI will use the LOGON group when collecting system level metrics

- Support for Introscope Manager of Managers (MOM)
  - IS_EM systems are supported as before
  - IS_MOM systems are supported as an alternative to IS_EM
  - IS_EM collector systems cannot be configured individually anymore
Global Settings & Network Configuration

New features are:

• Almost all network properties can now be edited in the Network Configuration UI
  – Simplify setup procedure
  – Removement of some of the SA38 reports during the setup procedure

• Extension of the UI by a Data Center Maintenance tab. Data Center attributes are:
  – Name
  – Caption
  – City
  – Country/Region

• Accessibility improvements
System Preparation Tool

New features are:

The new **Preparation Tool UI** can be accessed either from

- Agent Admin UI or
- via direct-URL
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