The data driven collaboration platform
SAP EarlyWatch Alert Workspace

Susanne Glänzer
Global CoE Technology, SAP SE
Observation in the Market of Hybrid Architecture Solution
Typical IT department challenges

- Fast and confident **decision making** requires the highest degree of **connecting people**, information, and insights to action.
- IT will **invest less** in developing specialists for **ad hoc risk mitigation** and more in how to prevent business downtimes with **predictive analytics**.
- Keep **hackers** out of the business systems and prioritize the **protection** of the systems according to the most critical **cyber risks**.
- To master **hybrid architectures** full **transparency** is needed across the complete solution landscape.
- IT complexity is a strong drive to **reduce IT operation costs** through **standardization** and **automation**.
SAP EarlyWatch Alert Workspace
Accelerate collaboration at any time based on ONE common data insight

Informed decision making across teams

Customer
IT Department
Customer Center of Expertise

Partner & Services Provider

SAP Front Office
Premium Engagement
Enterprise Support

SAP Backoffice
Mission Control Center Centers of Expertise,
Data Science & Analytics, Product Engineering

Machine learning technology
Embedded artificial intelligence

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SAP EarlyWatch Alert Workspace
Get empowered to speak the same language across teams

- One common view for all users
- Built for simplicity with Design Thinking
- One database with 3+ years history of data
- One service engine using rules, predictions, and Machine Learning
- Transparency at all times for business continuity

Work with proven standards at any place and under all conditions.
Key Collaboration Views and Benefits
Powered by SAP EarlyWatch Alert Workspace

Landscape summary
- Find top risks for business continuity
- Easily identify top improvement actions
Fiori Overview Page

Alert list per landscape
- Aggregated and prioritized alert view
- Get best practices for mitigation
Powered by HANA Text Search

Dashboard per system
- Identify serious bottlenecks
- Find critical trends in KPIs
Embedded Analytics via CDS views

Predictive alerts
- Timely forecasts of critical situations
- Avoid business downtimes well in advance
Powered by HANA Predictive Analytics Library (PAL)

Security risks per landscape
- Get secure and stay secure
- Hardening of security settings
- Perform easy security scans
Fiori Overview Page

Active collaboration at all times
- Get informed about alerts
- Get embedded support
- Searchability
Powered by Conversational AI

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Notification Example

2 Billion Record Limit Forecast (View SAP IT Business Systems)

Critical object in system I3P detected.

The forecast detected an issue with priority 2: SAPI3P.EDID4 might reach the maximum number of entries. The calculated worst-case date is 24.08.2020. For details, see App URL.

Definition of priority:
The worst-case date is the result of an unfavorable, yet possible forecast - with a probability of 80% the limit is reached later. The priority depends on the period until this worst-case date is reached:

Priority Period
1 less than 30 days
2 for the first time less than 60 days
3 for the first time less than 90 days
What Our Customers Are Saying

“Many thanks for warning. We have taken immediate action and realized that our archiving did not work as expected.”

“We are really liking the EWA Alert Workspace tool. The 2 Billion Record Limit forecasting feature saved us from an outage in our BW Prod environment.”

~ 160,000
Visits in May 2020

64,000+
Customer systems

~ 21,000
Systems based on SAP HANA

~ 1.5 million
SAP HANA objects analyzed every week to predicted 2 billion record limit

SAP EarlyWatch Alert Workspace | Live since August 2017 | SUGEN Award 2018
The data-driven collaboration platform across teams of customer, partner and SAP
SAP EarlyWatch Alert Blogs & Videos

SAP EarlyWatch Alert is an automatic service monitoring the essential administrative areas of an SAP system. Alerts indicate critical situations and give solutions to improve performance and stability. This service is now also available as a bundle of UI5 applications in the SAP ONE Support Launchpad.

The application SAP EarlyWatch Alert Workspace is the central landing page which gives a comprehensive overview on your system landscape regarding stability, configuration, hardware utilization and performance.

The main features are:

- Identify largest systems
- Find top alerts
- SAP Fiori Overview Page
- Solve alerts in whole landscape
- Get automatic recommendations
- Powered by HANA, Text Search
- Identify bottlenecks
- Find critical trends in KPIs
- Embedded analytics via CDS views

SAP EarlyWatch Alert – From an automatically generated Word-Report for individual systems to a CLOUD Application that provides a comprehensive SAP Landscape Overview

For further Details please refer to these Blogs:

Blog: Evaluating Performance with SAP EarlyWatch Alert

Blog: Using the SAP EarlyWatch Alert Solution Finder Effectively

Blog: Cookbook for SAP EarlyWatch Alert Workspace

Blog: SAP EarlyWatch Alert Workspace – gain an overview on your system landscape health

Video: Solve Alerts with the SAP EarlyWatch Alert Workspace

Blog: Displaying Security Alerts in the SAP EarlyWatch Alert Workspace
Configure My Home

My Home

System Data
- Favorite systems: 8

Support Dashboard
- On Premise
  - Access dashboard

Service Messages
- On Premise
  - Service summaries

System Overview
- Productive systems

SAP Passport
- Enable Single Sign-On
  - Days to expire: 204

Solution Finder
- SAP EarlyWatch Alert
  - Find Alerts

Reports
- SAP EarlyWatch Alert
  - Very critical systems: 3

Workspace
- SAP EarlyWatch Alert
  - New decisive red alerts: 0
Solution Finder

Performance Evaluation (Performance Overview)
Based on response times in your ABAP system performance problems may occur.
2 Systems: CBD, CBQ

SAP Application Release - Maintenance Phases (Software Configuration)
Mainstream maintenance for your SAP product version has ended or will end in the near future.
1 System: AAS
  Recommendation (1)

Program Errors (ABAP Dumps) (SAP System Operating)
We found more than 30 ABAP dumps in your system.
1 System: AAS

Known Issue (Statement)
Check the mentioned SAP Note(s) for the recommendation concerning the statement and apply the recommendation if applicable.
3 Systems: AAS, CBD, CBQ(2)
# Reports in e-Reader Format

## CBQ Topics

<table>
<thead>
<tr>
<th>Status</th>
<th>System ID</th>
<th>Installation</th>
<th>Customer</th>
<th>Language</th>
<th>Date</th>
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<td>Critical</td>
<td>CBQ</td>
<td>20983005</td>
<td>873861</td>
<td>English</td>
<td>&lt;01.01.2020&gt;</td>
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### All Topics (66)

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<td>Service Summary</td>
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<td>Landscape</td>
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Report Charts as SAP Fiori Diagrams

SAP HANA Resource Consumption

Status: Ok  System ID: CBQ  Installation: 20983005  Customer: 873861  Date: 13.07.2020

INTRODUCTION  MEMORY UTILIZATION OVERVIEW FOR SAP HANA INSTANCES  SAP HANA INSTANCE LS6395_CBQ_02

Average CPU Usage (Hourly Aggregates)

- Avg. CPU Usage User
- Avg. CPU Usage System
- Avg. CPU Usage WIO

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Dashboard per System
Average Response Time – Long-term

System Response Time
System CBO

Time Frame Period:
07.07.2019 - 14.07.2020

System Response Time and Activity
Task Type: RFC

Average Component Response Time in ms
Analysis Timeframe: 06.07.2020 - 12.07.2020

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<th>Dialog Steps</th>
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<th>CPU Time</th>
<th>Wait Time</th>
<th>Load Time</th>
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SAP Fiori
Navigate from the OVP card to the Details View
Predictions
Data Footprint Use Case

Memory Areas Index Server - SAP HANA Database
System

Server:

Data Footprint Forecast: ON
Range (by Month): 48

Column Store Column Store Forecast Row Store Row Store Forecast

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## Critical Number Range Intervals

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<th>Object</th>
<th>Prediction</th>
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