



SAP S/4HANA - Performance Analysis

Code: ADM415-v022
Length: 4 days
URL: [View Online](#)

Skills Gained

- This course will prepare you to:
 - Explain the internal processing of user requests within AS ABAP- based SAP systems
 - Find critical performance bottlenecks in SAP HANA and SAP S/4HANA
 - Solve selected performance problems that might occur in SAP S/4HANA

Who Can Benefit

- Program/Project Manager
- System Administrator
- Technology Consultant

Prerequisites

- Essential:
 - SAPTEC
 - ADM100
 - Basic knowledge of Linux and SAP HANA
- Recommended:
 - HA200

Course Details

Course Content

- Introduction to Workload Analysis
 - Understanding the Components of a Dialog Step

- Analyzing Statistical Records and Data Information Flow
- Performance Analysis Monitors
 - Monitoring System Performance
- SAP Memory Management
 - Identifying the Memory Areas and Usage in SAP Systems
 - Implementing SAP Extended Memory
 - Hardware Capacity Verification
- Identifying Hardware Bottlenecks
 - SAP Table Buffering
- Analyzing Table Buffering in SAP Systems
- RFC Monitoring
- Monitoring RFC Load
- SAP HANA Workload Analysis using SAP HANA Cockpit
- Using the SAP HANA Cockpit Expensive Statement Trace
 - Using the SAP HANA Cockpit Performance Monitor
 - Using SAP Solution Manager for Performance Analysis
- Using SAP Solution Manager Root Cause Analysis Tools for Performance Analysis

Notes

- In this training you will gain competencies that can be applied to all AS ABAP-based SAP systems in general. Additionally, you will learn specifics for the database SAP HANA, for SAP S/4HANA and you will understand specific monitoring functions offered by SAP Solution Manager 7.2.

Course based on software release

- SAP S/4HANA 2020
- SAP Solution Manager 7.2
- SAP HANA 2.0 SPS 05

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