

# SAP S/4HANA – Performance Analysis

Course code: ADM415

This training replaces the training ADM315. You will learn about how to analyze and solve typical performance problems in the AS ABAP of SAP S/4HANA. The focus will be using tools offered within AS ABAP/ABAP Platform. The skills gained in this training are applicable on all SAP systems that use AS ABAP / ABAP Platform and are to predominantly NOT SAP S/4HANA-specific. Course based on software release: SAP S/4HANA 2022, SAP Solution Manager 7.2, SAP HANA 2.0 SPS 06, SAP HANA Cockpit.

## Who is the course for

- Program/Project Manager
- System Administrator
- Technology Consultant

## What we teach you

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

## Required skills

### Essential

- SAPTEC
- ADM100
- Basic knowledge of Linux and SAP HANA

### Recommended

- HA200

## Course outline

- Introduction to Workload Analysis
- Understanding the Components of a Dialog Step
- Analyzing Statistical Records and Data Information Flow
- Analysis Monitors for 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
- Analyzing Table Buffering in SAP Systems
- Monitoring RFC Load
- Short introduction to SAP HANA Cockpit
- Short introduction to Root Cause Analysis offered by SAP Solution Manager

## What you need to know

- In this training you will gain competencies that can be applied to all AS ABAP-based SAP systems in general. Most of those competencies can be applied on SAP systems using earlier versions of AS ABAP as well.

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