

[HA200]: SAP HANA 2.0 SPS03 - Installation and Administration

Length : 5 Days
Delivery Method : Instructor-led (Classroom)

Course Overview

This course covers all key capabilities of SAP HANA database system administration at a detailed level. Through the lectures and exercises you will learn how to install, update and operate a SAP HANA 2.0 SPS03 database using SAP HANA Cockpit 2.0. The course covers the most important database administration tasks of a SAP HANA system administrator. During the course, you will learn details about starting and stopping, changing the configuration parameters, monitoring the database, backup and recovery and troubleshoot of a multitenant SAP HANA 2.0 SPS03 database system.

Goals

This course will prepare you to:

- Install and update a SAP HANA 2.0 SPS03 database.
- Installation, configuration and upgrade of SAP HANA cockpit 2.0.
- Perform the SAP HANA system administration tasks using SAP HANA cockpit 2.0.
- Start and stop, change the configuration, backup and troubleshoot a SAP HANA 2.0 SPS03 database.
- Backup and recover a multitenant SAP HANA 2.0 SPS03 database.

Audience

- Database Administrator
- Help Desk/CoE Support
- System Administrator
- Technology Consultant

Pre-Requisites

Essential

- HA100

Recommended

Some experience with the Linux operating system
Some experience in database administration

Course based on software release

SAP HANA 2.0 SPS03

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Course Outline

This course is the best starting point to learn about SAP HANA installation, update, configuration and system administration.

The course is independent from the SAP NetWeaver administration world, as it teaches how to perform system administration on the SAP HANA platform. The system administration tools used are native to the SAP HANA platform.

Throughout the course, you will learn about the following SAP HANA too for installation, update, configuration and system administration.

- SAP HANA database lifecycle manager (HDBLCM)
- SAP HANA cockpit 2.0
- SAP HANA studio
- SAP HANA HDBSQL command line

At the end, you will be able to perform all the required daily system administration tasks on the SAP HANA database platform.

Contents:

- SAP HANA introduction
- Installation sizing and OS preparations
- SAP HANA installation and upgrade/conversion to a multitenant database
- SAP HANA architecture and deployment options
- SAP HANA cockpit 2.0 installation, configuration and upgrade
- SAP HANA Administration tools
- Post installation steps
- Database administration tasks using SAP HANA cockpit 2.0
- Backup and recovery using SAP HANA cockpit 2.0
- SAP HANA Security
- User and authorizations

Notes

In case you need to "deep-dive" on specific subjects, this course can be coherently combined with the other courses in the SAP HANA Curriculum, for example HA201 for High availability and Disaster Tolerance, HA240 for SAP HANA Security and HA250 for database migration toward SAP HANA.

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