

[HA201]: SAP HANA 2.0 SPS03 - High Availability and Disaster Tolerance Administration

Length : 3 Days
Delivery Method : Instructor-led (Classroom)

Course Overview

This course covers all key capabilities of SAP HANA 2.0 SPS03 database system in the areas of High Availability and Disaster Tolerance. Through the lectures and exercises you will learn about scale-out and auto host- failover, SAP HANA storage and system replication with Active/Active. You will install and configure these setups in our lab environment. The course will also cover the topics on tenant create, start/stop, delete, backup and recovery in a SAP HANA Multitenant database system. As a last topic, you will gain insight in the SAP HANA python scripts provided by SAP.

The information provided in the HA201 course is valid for participants who have followed the HA200 in SAP HANA 1.0 and the SAP HANA 2.0.

Goals

This course will prepare you to:

- Install and configure a high available multi host SAP HANA scale- out database system.
- Understand what happens to SAP HANA scale-out system during a failure of a slave or master node.
- Install and configure SAP HANA system replication with the classic setup and the new Active/Active setup.
- Perform tenant administration tasks like create, start/stop, delete, backup and recovery of a tenant in a multitenant SAP HANA 2.0 database.
- Understand the SAP HANA python scripts provided by SAP.

Audience

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

Pre-Requisites

Essential

- HA100
- HA200

Recommended

- Some experience with the Linux operating system

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- Some experience in database administration

Course based on software release

- SAP HANA 2.0 SPS03

Course Outline

This course is the best starting point to learn about SAP HANA high availability, disaster tolerance and multitenant capabilities in larger SAP HANA landscapes.

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 advanced SAP HANA administration topics.

- SAP HANA scale-out and host auto failover.
- SAP HANA multitenant features
- SAP HANA system replication between datacenters
- SAP HANA python scripts provided by SAP

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

Contents:

- SAP HANA High Availability and Disaster Tolerance
- SAP HANA multi host scale-out and host auto failover
- SAP HANA storage and system replication
- SAP HANA system replication options
- SAP HANA multitenant features
- SAP HANA python scripts provided by SAP

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 HA240 for SAP HANA Security and HA250 for database migration toward SAP HANA.

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