

# SAP HANA High Availability and Disaster Tolerance Administration

Course code: HA201

This course covers all key capabilities of SAP HANA 2.0 SPS07 database system in the areas of high availability and disaster tolerance. Through the lectures and exercises you will learn about SAP HANA scale-out and auto host-failover, SAP HANA storage and system replication with Active/Active. Copy and move SAP HANA tenants using tenant replication. You will install and configure these setups in our lab environment.

## Who is the course for

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

## What we teach you

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.
- Copy and move SAP HANA tenants using tenant replication.

## Required skills

### Essential

- HA100
- HA200

### Recommended

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

## Course outline

- This course is the best starting point to learn about SAP HANA high availability, disaster tolerance 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 database 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 system replication between datacenters
- SAP HANA python scripts provided by SAP
- 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 python scripts provided by SAP

## What you need to know

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 HA215 for SAP HANA monitoring and performance tools, and HA250 for database migration.

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