TADM55 - SAP HANA - Installing and Administering

Course Description:
This course provides an in-depth understanding of the key capabilities of SAP HANA database system administration. Through a combination of lectures and hands-on exercises, participants will learn how to install, update, and operate an SAP HANA 2.0 database using SAP HANA cockpit 2.0. The course covers essential administration tasks, including starting and stopping the system, changing configuration parameters, monitoring the database, performing backups and recovery, and troubleshooting within a multitenant SAP HANA environment. Participants will also gain knowledge in SAP HANA security, user authorizations, and database maintenance.

Audience Profile:
This course is intended for:

- Database Administrators

- Help Desk/CoE Support personnel

- System Administrators

- Technology Consultants

Prerequisites:
Essential:

- None

Recommended:

- HA100: Introduction to SAP HANA

- Basic experience with the Linux operating system

- Basic experience in database administration

Course Objectives:
Upon completion of this course, participants will be able to:

- Install, update, and configure an SAP HANA 2.0 database system.

- Install, update, and configure SAP HANA cockpit 2.0.

- Perform system administration tasks in a multitenant SAP HANA 2.0 environment using SAP HANA cockpit 2.0.

- Start, stop, and troubleshoot SAP HANA 2.0 database systems.

- Backup and recover multitenant SAP HANA 2.0 databases.

- Manage SAP HANA security and user authorizations.

Table of Contents:

10. **SAP HANA Security**

   o   Security architecture and concepts

   o   User management and authorizations

11. **User and Authorizations**

   o   Managing users and roles

   o   Assigning privileges and monitoring access