

## **SAP BASIS**

### **Course Outline**

#### **Unit 1: SAP HANA Introduction**

- Introducing SAP HANA

#### **Unit 2: Installation Preparations**

- SAP HANA Sizing
- Linux Operating System Requirements

#### **Unit 3: SAP HANA Installation**

- Installing SAP HANA 2.0
- Installing SAP HANA Cockpit 2.0
- Describing Advanced Installation Options
- Explaining a Distributed System

#### **Unit 4: SAP HANA Multitenant Database Container Architecture**

- SAP HANA Architecture and Technology

#### **Unit 5: SAP HANA Scenarios and Deployment Options**

- Describing SAP HANA Roadmap and Scenarios
- Explaining SAP HANA as Primary Persistence for SAP NetWeaver-based Applications
- Explaining SAP HANA as an Application Platform
- Identifying Deployment Options

#### **Unit 6: SAP HANA Cockpit 2.0**

- Introducing SAP HANA Cockpit 2.0
- Configuring SAP HANA Cockpit 2.0
- Updating SAP HANA Cockpit 2.0

#### **Unit 7: SAP HANA Architecture**

- SAP HANA Memory Management and Data Persistence

#### **Unit 8: Post-Installation Tasks**

- Performing Post-Installation Steps
- Updating SAP HANA
- Using the Resident SAP HANA Database Lifecycle Manager Tool
- Using SAP HANA Interactive Education
- Explaining the Revision Strategy of SAP HANA

#### **Unit 9: Administration Tools**

- Explaining the Administration Tools
- Using the SAP HANA HDBSQL Command Line Tool
- Working with the DBA Cockpit
- Managing SAP Landscapes

- *Appendix: Using SAP HANA Studio*

#### **Unit 10: Database Administration Tasks**

- Starting and Stopping SAP HANA
- Checking for SAP HANA Alerts
- Daily Database Administration Tasks
- Configuring the SAP HANA Database
- SAP HANA Mini Checks
- Working with SAP HANA Traces

#### **Unit 11: Backup and Recovery**

- Explaining Backup and Recovery
- Performing Data Area Backup
- Configuring a Log Area Backup
- Describing Additional Backup Topics
- Performing Database Recovery
- Creating a Fallback Snapshot
- Explaining Backup and Recovery Using Data Snapshots
- Explaining Database Copy

#### **Unit 12: Security**

- Describing Security Functions

#### **Unit 13: Maintaining Users and Authorization**

- SAP HANA Authentication and Authorization
- Types of Privileges
- SAP HANA Roles
- Administrative Tasks
- Information Sources for Administrators