

## **SAP HANA: Course Content**

**SAP HANA** is an in-memory; column-oriented, relational database management system developed and marketed by **SAP SE**. **HANA's** architecture is designed to handle both high transaction rates and complex query processing on the same platform. **SAP HANA** was previously called **SAP High-Performance Analytic Appliance**.

### **Unit 1: SAP HANA Landscape**

1. What is SAP HANA
2. SAP HANA Components
3. SAP HANA Scenarios

### **Unit 2: SAP HANA Architecture**

1. SAP HANA Persistence
2. Sizing SAP HANA
3. SAP HANA Scale Out
4. SAP HANA Scale Up

### **Unit 3: SAP HANA Tool Overview**

1. SAP HANA Studio
2. DBA Cockpit
3. HDBSQL Command Line Tool

### **Unit 4: SAP HANA Pre & Post Installation**

1. Preparing SAP HANA Installation
2. Review SAP HANA Installation
3. Post-Installation Steps



## **Unit 5: SAP HANA Operation**

1. Starting and Stopping SAP HANA
2. Configuring SAP HANA
3. Periodic Manual Tasks

## **Unit 6: Backup and Recovery**

1. Concept of Backup and Recovery
2. Data Area Backup
3. Log Area Backup
4. Backup of Configuration Files and Backup Catalog
5. Recovery
6. Database Copy
7. High Availability

## **Unit 7: Maintaining Users and Authorizations**

1. User Management
2. Types of Privileges
3. Standard Roles
4. Administrative Tasks
5. Authentication Methods
6. Information Sources for Administrators and Auditing

## **Unit 8: Data Provisioning Using SLT**

1. Positioning and Key Concepts
2. Landscape Strategy and Sizing Aspects
3. Installation Procedure
4. Configuration Aspects
5. Data Replication at a Glance
6. Monitoring of Replication



## 7. Other Operations Aspects

### **Unit 9: Monitoring and Troubleshooting**

1. Monitoring with SAP HANA Studio
2. Monitoring with DBACOCKPIT
3. Monitoring with SAP Solution Manager
4. Remote Support
5. SAP Early Watch Alert

### **Unit 10: Software Lifecycle Management**

1. Transporting Changes
2. Updating SAP HANA

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