

Curriculum Of SAP Basis on HANA

MODULE 1: INTRODUCTION

• OVERVIEW

- ❖ What is SAP?
- ❖ What is SAP HANA?
- ❖ What is SAP4 HANA?
- ❖ What is SAP BASIS?
- ❖ SAP BASIS on HANA
- ❖ SAP HANA administration basics
- ❖ Basic terms and terminologies

• INSTALLATION

- ❖ Sizing on SAP HANA
- ❖ Basic system requirements
- ❖ SAP HANA lifecycle management tools
- ❖ Advanced HANA installation options
- ❖ SAP HANA studio installations
- ❖ SHINE – SAP HANA interactive education
- ❖ Perform a distributed system installation
- ❖ Post-installation steps
- ❖ Steps to update SAP HANA

MODULE 2: ARCHITECTURE, SCENARIOS AND ADMIN TOOLS

• ARCHITECTURE & SCENARIOS

- ❖ Sap HANA memory management
- ❖ Data persistence
- ❖ Software packaging
- ❖ SAP HANA Roadmap & scenarios
- ❖ Deployment options

• ADMIN TOOLS IN SAP HANA

- ❖ SAP HANA Studio for administrator
- ❖ DBA Cockpit
- ❖ HDBSQL command line tool

MODULE 3: BASIC OPERATIONS IN SAP HANA

• OPERATE S4 HANA

- ❖ Start and Stop SAP S4 HANA

- ❖ Configure SAP H4 HANA

- ❖ Periodic Manual Tasks

- ❖ Transporting Charges

- ❖ Backup and Recovery

• BASICS OF BACKUP AND RECOVERY

- ❖ Data Area backup

- ❖ Log area backup

- ❖ Additional backup topics

- ❖ Recovery and database copy

- ❖ Backup and recovery using storage snapshot

• MONITORING AND TROUBLESHOOTING

- ❖ Configure traces

- ❖ Working with diagnosis information and Diagnosis Files

- ❖ SQL Console and Query Analysis

- ❖ Remote support

• SECURITY

- ❖ Security Overview

- ❖ Authentication & Authorization

- ❖ Encryption

- ❖ Auditing

MODULE 4: MAINTAINING USERS AND AUTHORIZATIONS

- User Management

- Types of Privileges

- Types of Roles

- Administrative Tasks

- Information Sources for Administrators

- SAP HANA Live Authorization Assistant

MODULE 5: ADVANCED SAP HANA CONCEPTS

• HIGH AVAILABILITY AND DISASTER TOLERANCE

- ❖ High Availability

- ❖ SAP HANA Scale Out

- ❖ Disaster Recovery

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- **MULTITENANT DATABASE CONTAINERS**
 - ❖ Administration of Multitenant Database Containers
 - ❖ Backup and Recovery in Multitenant Database Containers
- **DATA PROVISIONING**
 - ❖ Configure data replication using SAP Landscape Transformation (SLT)

MODULE 6: SAP BASIS AND R/3 SYSTEM

- **SAP BASIS OVERVIEW**
 - ❖ Introduction to SAP BASIS
 - ❖ Introduction to SAP NetWeaver
 - ❖ SAP BASIS Benefits and Benefits of Net weaver
 - ❖ BASIS Roles and Responsibilities
 - ❖ SAP BASIS GUI Download & Installation
 - ❖ SAP HANA and SAP BASIC integration steps
 - ❖ Applying SAP License
 - ❖ STMS Configuration between Landscapes
 - ❖ Creating RFC Connections
 - ❖ Import the profiles into SAP level
 - ❖ Other post installation activities
- **R/3 SYSTEM OVERVIEW**
 - ❖ What is an ERP System?
 - ❖ What is SAP R/3 System?
 - ❖ About R/3 Architecture
 - ❖ Central System
 - ❖ Distributed Presentation
 - ❖ 2-tier/3-tier Configuration

MODULE 7: SAP SYSTEM LANDSCAPES AND FLOW

- Single System Landscape
- Two & Three System Landscape
- Multi-System Landscape

MODULE 8: SAP INSTALLATION AND OPERATING MODES

- **INSTALLATION CONCEPTS ON DIFFERENT OPERATING SYSTEMS**
 - ❖ Naming conventions
 - ❖ Installation Procedures
 - ❖ R/3 Directory Structure
 - ❖ R/3 Kernel Architecture
- **OPERATING MODES**
 - ❖ Manual Switching OP modes
 - ❖ Exception Modes
 - ❖ Monitoring
- **PROFILE MAINTENANCE**
 - ❖ System Profile
 - ❖ Transport Profile
 - ❖ Client Profile
 - ❖ Authorization Profile

MODULE 9: CLIENT & USER ADMINISTRATION

- Create a Client
- Copy client on local system
- Copy client on remote system
- Import Export Client
- Delete a Client
- Troubleshooting client copies
- Create a new user
- Password Reset options
- Password Policy
- Lock/Unlock a User
- Login attempts for a User
- Troubleshooting User Accounts

MODULE 10: PATCH MANAGEMENT, CHANGE AND TRANSPORT MANAGEMENT SYSTEM

- SAP DATA types
- Change request creations

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- BASIC terms and terminologies in TMS
- Configuration of Transport Domain
- Add a system to Transport management system
- Distributing and verifying TMS Configuration between systems
- Creating the Transport Layer, Transport Routes and Transport Groups
- Import transport request to between systems
- Import export objects in TMS
- Support packs & Enhancement packages, add-ons, plug-in
- Support patches, Add-ons, and Enhancement upgrade procedure
- Implement Support Packages
- SPAM load and Update
- Importing a Queue

MODULE 11: CCMS ADMINISTRATION AND RFC IN SAP BASIS

- CCMS Configuration
- CCMS: Overview
- Setting Up the CCMS
- Using the System Administration Assistant
- CCMS Monitoring Authorization
- Configure Trusted RFC
- Create Trusted RFC Connections

MODULE 12: DATABASES

- Database Overview
- Reviewing Database Architecture

- Connecting to the Database
- Using Database Administration Tools
- Administrating Oracle Instances
- Backup, Restore and Recovery

MODULE 13: INTRODUCTION TO SAP CLOUD PLATFORM

- What is SAP Cloud Platform?
- SAP Cloud Platform Capabilities
- Purpose of SAP Cloud Platform
- History of SAP Cloud Platform
- How it is helpful for businesses?
- SAP Cloud Mission Statement
- High-level Data Storage Options in SAP Cloud
- Sap Cloud platform tools and SDK
- Getting started with Sap cloud platform
- Create an account
- Know about Sap cloud platform Cockpit

MODULE 14: PLACEMENT GUIDE

- Tips to clear an Interview
- Common Interview questions and answers
- SAP BASIS/HANA Interview Questions and Answers
- Resume Building Guide
- Career roadmap and certifications
- Attempt for SAP BASIS Global Certification Exam
- Start applying for Jobs