



SAP BASIS on HANA Training Curriculum

— STRUCTURE —



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"Master all essential administration skills and establish yourself as a skilled SAP BASIS HANA administrator right away!"

About Croma Campus:

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

Course Objectives:

- Give you first break in SAP
- Know all about SAP, SAP HANA, and SAP BASIS essential concepts.
- Learn implementing SAP BASIS on HANA using all the required skills.
- Teach you various aspects of a valuable enterprise skillset
- Help you understand enterprise processes
- Prepare yourself for SAP BASIS Global Certification Exam
- Start applying for jobs and Earn HUGE.

Course Description:

SAP BASIS refers to the administration of SAP system that includes activities like installation and configuration, load balancing, and performance of SAP applications running on Java stack and SAP HANA. It includes the maintenance of different services related to database, operating system, application and web servers in SAP system landscape and stopping and starting the system. These videos will walk you through the different features of SAP Basis.

Basis training imparts the essentials to optimally manage the technical architecture and enable uninterrupted communication between the server infrastructure, business application and the software. This implies during the training; the participants will be skilled enough to administer communication between different types of the operating systems and the databases running for data storage and updates. The experienced trainers will impart various capabilities through advanced teaching skills in instructing BASIS concepts.

Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** | 25+ Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.

- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.
- **Key focus on Hands-on exercises and Project work.** You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015** & **E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.
- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

Course Content:

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
- **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 System Landscape
- 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
- 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