

Course duration

- 4 days

Course Benefits

- Learn to migrate and SAP HANA, S/4HANA, SAP NetWeaver to Azure.
- Learn to leverage Azure Portal, Cloud Shell, Azure PowerShell, CLI, and Resource Manager.
- Learn to use intersite connectivity features including VNet Peering and VNet-to-VNet connections.
- Learn to work with Azure Active Directory (AAD) and Azure AD Connect.

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Introduction
 1. Overview of the SAP and Microsoft partnership
2. Foundations of SAP on Azure
 1. Azure compute
 2. Azure storage
 3. Azure networking
 4. SAP HANA for Azure (Large Instances)
 5. Identity services
 6. Governance and manageability
 7. Backup and data protection services
 8. Migration services
3. SAP Certified Offerings on Azure
 1. General prerequisites (SAP support in public cloud environments)
 2. Deployment options of Azure for SAP workloads
 3. SAP product-specific support for Azure
 4. Operating System support of Azure for SAP workloads
 5. Storage support of Azure for SAP workloads
 6. Networking support for SAP, database support for SAP
 7. High availability and disaster recovery support for SAP
 8. Monitoring requirements for SAP

9. Lab: Implementing Linux clustering on Azure VMs
10. Lab: Implementing Windows clustering on Azure VMs
4. Module 4: SAP on Azure Reference Architecture
 1. SAP NetWeaver with AnyDB, SAP S4 HANA, and SAP HANA on Azure (Large Instances) on Azure VMs
5. Planning for Implementing SAP Solutions on Azure
 1. Azure VM compute, network, and storage considerations
 2. Azure VM high availability and disaster recovery
 3. Azure VM backup considerations
 4. Azure VM monitoring considerations
 5. Azure VM security considerations
 6. Azure VM authentication and access control considerations
6. Planning for Migrating SAP Workloads to Azure
 1. Strategies for migrating SAP systems to Microsoft Azure and SAP a workload planning and deployment checklist
7. Implementing Azure VM-based SAP Solutions
 1. Azure VM deployment methodologies
 2. Single-instance implementations (2-tier or 3-tier)
 3. Implementing HA SAP NetWeaver with AnyDB on Azure VMs
 4. Implementing HA SAP HANA on Azure VMs
 5. Configure the Azure Enhanced Monitoring Extension for SAP
 6. Implementing AD and Azure AD-based authentication
8. Deploying HANA Large Instances (HLI)
 1. Implementing HANA Large Instances (HLI)
9. Migrating SAP Workloads to Azure
 1. Contains lessons on migration options
 2. DMO methodologies
 3. Cloud migration options
 4. Very Large Database Migration to Azure
 5. Lab: Implement SAP architecture on Azure VMs running Linux
 6. Lab: Online Lab-Implement SAP architecture on Azure VMs running Windows
10. Maintaining SAP on Azure
 1. Remote management
 2. Performing backups and restores
 3. OS and workload updates
 4. Vertical and horizontal scaling
 5. Disaster Recovery (DR)
11. Monitoring and Troubleshooting SAP on Azure
 1. Monitoring Azure VMs
 2. Monitoring SAP HANA on Azure (Large Instances)
 3. Integrating SAP solutions with Microsoft cloud services

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Azure class:

- Solid knowledge of SAP Applications, SAP HANA, S/4HANA, SAP NetWeaver, SAP BW, OSServers for SAP Applications and Databases.

Prerequisite Courses

Courses that can help you meet these prerequisites:

- [AZ-103T00 - Microsoft Azure Administrator](#)