AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud

Category: Cloud Platforms | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Migrate and modernize SAP in the Microsoft Cloud
Related Exam:	AZ-1006

Course Overview

This 1-day course teaches IT professionals who have experience with SAP solutions how to use Azure resources that include setting up and configuration of SAP environments in Azure for virtual machines, virtual networks, storage accounts, and Microsoft Entra ID. Learners will also explore backup, disaster recovery, and monitoring of SAP systems in Azure. Learn through the application of concepts, scenarios, and procedures through hands-on labs using Azure Center for SAP solutions.

About This Course

This 1-day course teaches IT professionals who have experience with SAP solutions how to use Azure resources that include setting up and configuration of SAP environments in Azure for virtual machines, virtual networks, storage accounts, and Microsoft Entra ID. Learners will also explore backup, disaster recovery, and monitoring of SAP systems in Azure. Learn through the application of concepts, scenarios, and procedures through hands-on labs using Azure Center for SAP solutions.

Who Should Attend

Administrators of SAP systems that run on Azure should take this course. Before taking this course, candidates should pass the Azure Administrator (AZ-104) or Azure Infrastructure Solutions (AZ-305) exam and have completed training in SAP HANA or SAP NetWeaver.

Prerequisites & Entry Requirements

General Prerequisites:

Before taking this course, candidates should pass the Azure Administrator (AZ-104) or Azure Infrastructure Solutions (AZ-305) exam and have completed training in SAP HANA or SAP NetWeaver.

Detailed Course Outline

1 - Modernize and explore Azure for SAP workloads

- Discover the SAP and Microsoft partnership
- Explore your options with SAP on Azure
- Discover common terms and meanings: SAP

2 - Modernize and identify SAP-certified configurations

- Identify deployment options for SAP solutions on Azure
- Discover supported Azure Virtual Machines for SAP products on Windows and Linux

3 - Modernize and examine SAP S/4HANA on Azure Virtual Machines

- Explore SAP S/4HANA on Azure Virtual Machines
- Recognize architectural components
- Examine a sample functional workflow

4 - Modernize and explore Azure for SAP compute

- Plan for implementing SAP solutions
- Explore Azure virtual machines (VMs)
- Examine constrained vCPU capable virtual machine sizes
- Examine Azure virtual machine scaling considerations
- Explore data flows

5 - Modernize and explore Azure network for SAP

- Explore Azure virtual networks
- Consider IP addressing
- Explore name resolution
- Explore Azure load balancer
- Examine Azure virtual machine networking considerations
- Explore Azure Traffic Manager
- Explore Azure Front Door
- Explore virtual network connectivity
- Explore SAProuter

6 - Modernize and explore Azure for SAP storage

- Explore Azure Storage types
- Explore Azure Files
- Examine Azure Virtual Machines disks
- Explore managed and unmanaged disks
- Examine Azure Virtual Machines storage considerations
- Explore Azure Virtual Machine NFS storage
- Examine SAP HANA Azure Virtual Machines storage configurations
- Explore NFS v4.1 volumes on Azure NetApp Files

7 - Modernize and explore identity services for SAP on Azure

- Explore Azure Virtual Machine authentication, authorization, and access control
- Explore Microsoft Entra ID
- Explore SAP Cloud Platform Identity Authentication
- Integrate Microsoft Entra ID with SAP Cloud Platform Identity Authentication
- Integrate Microsoft Entra ID with SAP HANA
- Integrate Active Directory with SAP single sign-on (Kerberos-SPNEGO)
- Integrate Linux with Active Directory Domain Services
- Explore Azure Bastion

8 - Modernize and explore governance and manageability for SAP on Azure

- Explore Azure Resource Manager
- Examine Azure Resource Manager templates
- Examine role-based access control (RBAC)
- Explore Azure Policy
- Explore security and compliance services

9 - Modernize and deploy single-instance implementations of SAP on Azure (2-tier and 3-tier)

- Explore deployment methodologies
- Prepare Azure Virtual Machines for a manual installation of SAP HANA
- Discover key steps for SAP HANA installation using SAP SWPM
- Discover key steps for SAP HANA installation using SAP HANA Database Lifecycle Management (HLM)
- Implement SAP HANA scale-out

10 - Modernize and implement high availability in SAP NetWeaver with AnyDB on Azure Virtual Machines

- Examine single SID 3-tier SAP NetWeaver high availability AnyDB deployment

11 - Modernize and explore Azure Center for SAP solutions

- Discover Azure Center for SAP solutions
- Examine prerequisites for Azure Center for SAP solutions
- Choose deployment options with Azure Center for SAP solutions
- Register an existing SAP system

12 - Modernize and implement high availability for SAP workloads in Azure

- Explore high availability and disaster recovery support of Azure for SAP workloads
- Explore high availability of SAP workloads
- Examine failover clustering
- Explore deployment scenarios
- Explore high availability of SAP application servers
- Explore high availability of SAP ASCS-SCS instances
- Explore SAP HANA availability
- Explore SQL Server high availability for SAP in Azure
- Explore Oracle high availability for SAP in Azure
- Examine high availability capabilities of Azure infrastructure
- Explore availability zones

13 - Modernize and implement disaster recovery for SAP workloads in Azure

- Explore disaster recovery of SAP workloads
- Explore simple availability between two Azure regions
- Combine availability within one region and across regions
- Explore site recovery
- Implement disaster recovery for SAP deployments across Azure regions with Azure Site Recovery
- Set up disaster recovery for Active Directory and DNS

14 - Modernize, perform backups and restores for SAP workloads on Azure

- Explore backup and restore of Azure virtual machines
- Examine application-consistent backup of Azure Linux virtual machines
- Explore application backup
- Explore SAP HANA backup
- Explore SAP HANA file-level backups
- Create SAP HANA snapshot-based backups

15 - Modernize, use the planning and deployment checklist for SAP workloads on Azure

- Examine the SAP workload planning and deployment checklist
- Explore the project preparation and planning phase
- Explore the production preparation phase
- Explore very large database migration

16 - Modernize and explore monitoring requirements of Azure for SAP workloads

- Explore the monitoring requirements of Azure for SAP workloads
- Examine monitoring, logging, and alerting services
- Explore Azure Virtual Machine monitoring considerations
- Explore the Azure Enhanced Monitoring Extension for SAP
- Troubleshoot Azure Enhanced Monitoring for SAP

□□ Certification Path

Microsoft Applied Skills: Migrate and modernize SAP in the Microsoft Cloud

Exam: AZ-1006

Frequently Asked Questions

Q: What delivery options are available for AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud course helps prepare you for the Microsoft Applied Skills: Migrate and modernize SAP in the Microsoft Cloud certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AZ-1006 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud?

Yes, we provide corporate training, dedicated training, and closed classes for AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AZ-1006 Migrate and Modernize SAP in the Microsoft Cloud training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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