AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads

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

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Certified: Azure for SAP Workloads Specialty
Related Exam:	AZ-120

Course Overview

As an IT Professionals experienced in SAP solutions, you will discover how to leverage Azure resources that include deployment and configuration of virtual machines, virtual networks, storage accounts, and Azure AD that includes implementing and managing hybrid identities. You will also be introduced to concepts, scenarios, procedures, and hands-on labs that will empower you to best plan and implement migration and operation of an SAP solution on Azure. You will also receive guidance on subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor your solution.

About This Course

As an IT Professionals experienced in SAP solutions, you will discover how to leverage Azure resources that include deployment and configuration of virtual machines, virtual networks, storage accounts, and Azure AD that includes implementing and managing hybrid identities. You will also be introduced to concepts, scenarios, procedures, and hands-on labs that will empower you to best plan and implement migration and operation of an SAP solution on Azure. You will also receive guidance on subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor your solution.

Who Should Attend

This course is for Azure Administrators who migrate and manage SAP solutions on Azure. Azure Administrators manage the cloud services that span storage, networking, and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle. They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, size, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors. Azure Administrators use the Azure Portal and as they become more proficient they use PowerShell and the Command Line Interface.

Prerequisites & Entry Requirements

General Prerequisites:

Hands-on experience with Azure IaaS and PaaS solutions, including VM, VNet, Load Balancers, Storage (Blob, Files, Disks)., Understanding of on-premises and cloud virtualization technologies, including: VMs, virtual networking, and virtual hard disks., Understanding of Active Directory concepts, Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies., Experience with Linux/Unix environments.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing this course, students will be able to:

Migrate and SAP HANA, S/4HANA, SAP NetWeaver to Azure

Leverage Azure Portal, Cloud Shell, Azure PowerShell, CLI, and Resource Manager

Use intersite connectivity features including VNet Peering and VNet-to-VNet connections

Work with Azure Active Directory (AAD) and Azure AD Connect

Detailed Course Outline

Introduction

- Contains an overview of the SAP and Microsoft partnership.

Foundations of SAP on Azure

- Contains brief lessons on Azure compute, Azure storage, Azure networking, SAP HANA for Azure (Large Instances), identity services, governance and manageability, backup and data protection services, and migration services.

SAP Certified Offerings on Azure

- Contains lessons on general prerequisites (SAP support in public cloud environments), deployment options of Azure for SAP workloads, SAP product-specific support for Azure, operating System support of Azure for SAP workloads, storage support of Azure for SAP workloads, networking support for SAP, database support for SAP, high availability and disaster recovery support for SAP, and monitoring requirements for SAP.
- Lab : Online Lab: Implementing Linux clustering on Azure VMs
- Lab : Online Lab: Implementing Windows clustering on Azure VMs

SAP on Azure Reference Architecture

- Contains lessons on SAP NetWeaver with AnyDB, SAP S4 HANA, and SAP HANA on Azure (Large Instances) on Azure VMs.

Planning for Implementing SAP Solutions on Azure

- Contains lessons on Azure VM compute, network, and storage considerations. As well as Azure VM high availability and disaster recovery, Azure VM backup considerations, Azure VM monitoring considerations, Azure VM security considerations, and Azure VM authentication and access control considerations.

Planning for Migrating SAP Workloads to Azure

- Contains lessons on strategies for migrating SAP systems to Microsoft Azure and SAP a workload planning and deployment checklist.

Implementing Azure VM-based SAP Solutions

- Contains lessons on Azure VM deployment methodologies, single-instance implementations (2-tier or 3-tier), implementing HA SAP NetWeaver with AnyDB on Azure VMs, implementing HA SAP HANA on Azure VMs, configure the Azure Enhanced Monitoring Extension for SAP, and implementing AD and Azure AD-based authentication.

Module 8-Deploying HANA Large Instances (HLI)

- Contains a lesson on implementing HANA Large Instances (HLI).

Migrating SAP Workloads to Azure

- Contains lessons on migration options, DMO methodologies, cloud migration options, and Very Large Database Migration to Azure.
- Lab : Online Lab-Implement SAP architecture on Azure VMs running Linux
- Lab : Online Lab-Implement SAP architecture on Azure VMs running Windows

Maintaining SAP on Azure

- Contains lessons on, remote management, performing backups and restores, OS and workload updates, vertical and horizontal scaling, and Disaster Recovery (DR).

Monitoring and Troubleshooting SAP on Azure

- Contains lessons on monitoring Azure VMs, monitoring SAP HANA on Azure (Large Instances), and integrating SAP solutions with Microsoft cloud services.

, Implement high availability for SAP workloads in Azure, Implement disaster recovery for SAP workloads in Azure, Perform backups and restores for SAP workloads on Azure, Explore migration options for SAP on Azure, Use the planning and deployment checklist for SAP workloads on Azure, Explore licensing, pricing, and support for SAP on Azure virtual machines, Migrate very large

databases (VLDB) to Azure for SAP, Explore monitoring requirements of Azure for SAP workloads, Explore remote management for SAP on Azure, Explore governance and manageability for SAP on Azure, Implement high availability in SAP NetWeaver with AnyDB on Azure virtual machines, Deploy single-instance implementations of SAP on Azure (2-tier and 3-tier), Explore Azure for SAP databases, Explore identity services for SAP on Azure, LAB Outline, Ensure business continuity and implement disaster recovery for SAP solutions on Azure, Migrate SAP workloads to Azure, Monitor and troubleshoot Azure for SAP workloads, Explore Azure for SAP workloads, Explore the foundations of IaaS for SAP on Azure, Explore the foundations of identity and governance for SAP on Azure, Deploy SAP on Azure, Discover common terms and meanings for SAP on Azure, Identify SAP-certified configurations, Examine SAP NetWeaver with AnyDB on Azure virtual machines, Examine SAP S/4HANA on Azure virtual machines, Explore Azure for SAP compute, Explore Azure for SAP networking, Explore Azure for SAP storage, Explore Azure networking for SAP RISE, Explore Azure Center for SAP solutions

□□ Certification Path

Microsoft Certified: Azure for SAP Workloads Specialty

Exam: AZ-120

Additional Course Details

Nexus Humans AZ-120 Planning and Administering Microsoft Azure for SAP Workloads training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the AZ-120 Planning and Administering Microsoft Azure for SAP Workloads course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads?

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-120T00 Planning and Administering Microsoft Azure for SAP Workloads course helps prepare you for the Microsoft Certified: Azure for SAP Workloads Specialty certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AZ-120 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 3-day AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads?

Yes, we provide corporate training, dedicated training, and closed classes for AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads. 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: What related terms do people search for?

Popular related searches include: az120 az 102, AZ-120T00: Planning and Deploying SAP on Azure, Microsoft, vILT, AZ-120T00

Q: Why choose Nexus Human for AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads?

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-120T00 Planning and Administering Microsoft Azure for SAP Workloads 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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