



Microsoft Azure Certification BootCamp for WS-012T00-A (Windows Server 2019 Hybrid and Azure IaaS)

Duration: 3 Days

DESCRIPTION

This three-day course is intended primarily for IT Professionals who have experience with managing an on-premises Windows Server environment. Its purpose is to prepare professionals for planning, implementing, and managing environments that include Azure IaaS-hosted Windows Server-based workloads. The course covers how to leverage the hybrid capabilities of Azure, how to migrate virtual and physical server workloads to Azure IaaS, and how to manage and secure Azure VMs running Windows Server 2019.

OBJECTIVES

- Describe the foundational principles of Azure IaaS, including compute, storage, and networking.
- Identify tools used to implement hybrid solutions, including Windows Admin Center and PowerShell.
- Implement identity in Hybrid scenarios, including AD DS on Azure IaaS and managed AD DS.
- Integrate AD DS with Azure AD.
- Manage and monitor hybrid scenarios using WAC, Azure Arc, Azure Automation and Azure Monitor.
- Enhance hybrid security using Azure Security Center, Azure Sentinel, and Windows Update Management.
- Implement File Services in hybrid scenarios, using Azure Files and Azure File Sync.
- Plan and implement hybrid and cloud-only migration, backup, and recovery scenarios.
- Deploy Azure VMs running Windows Server 2019, and configure networking, storage, and security.
- Manage and maintain Azure VMs running Windows Server 2019.

COURSE OUTLINE

- **Module 1: Introducing Azure Hybrid IaaS with Windows Server 2019**
- **Module 2: Implementing Identity in Hybrid Scenarios**
- **Module 3: Facilitating Hybrid management and operational monitoring in Hybrid Scenarios**
- **Module 4: Implementing Security Solutions in Hybrid Scenarios**
- **Module 5: Implementing File Services in Hybrid Scenarios**
- **Module 6: Deploying and Configuring Azure Vms**
- **Module 7: Managing and maintaining Azure Vms**
- **Module 8: Planning and Implementing Migration and Recovery Services in Hybrid Scenarios**

WHO SHOULD ATTEND

Windows Server administrators and system engineers, preparing for transitioning from on-premises to hybrid and Cloud only environments. Secondly, this course benefits any role that involves administrative and operational tasks targeting Microsoft Azure IaaS workloads.

PREREQUISITES

- Experience with managing Windows Server operating system and Windows Server workloads in on-premises scenarios, including AD DS, DNS, DFS, Hyper-V, and File and Storage Services
- Experience with common Windows Server management tools (implied by the first prerequisite).
- Basic knowledge of core Microsoft compute, storage, networking, and virtualization technologies (implied by the first prerequisite).
- Basic knowledge of on-premises resiliency Windows Server-based compute and storage technologies (Failover Clustering, Storage Spaces).
- Basic experience with implementing and managing IaaS services in Microsoft Azure.
- Basic knowledge of Azure Active Directory.
- Basic understanding security-related technologies (firewalls, encryption, multi-factor authentication, SIEM/SOAR).
- Basic knowledge of PowerShell scripting.

TESTIMONIALS

“ Trainer is quite knowledgeable and has got lot of experience. He was bringing realtime example, properly keeping the focus on theory and practice. This was very much important that the trainer is always keeping the track especially for an exhaustive content. ”

- Rajkiran A, Senior IT Manager, P&G

“ Very impressive training, this will certainly help my team to upgrade the skill in Azure. I would definitely recommend this training as a good kick start for Azure learning. A trainer is very knowledgeable having great command over the subject. ”

- Anil V, Associate Manager, Stryker

“ Very satisfied with the Training, Well explained the concepts though I am not from a Networking/System Admin background. ”

- Deepak S, Sr Software Engineer,Cerner Healthcare Solutions

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