AZ 802- Administer Windows Server

Days: *5*

Prerequisites: Candidates should have experience administering Windows Server using technologies such as Windows Admin Center, Hyper-V, PowerShell, Azure Arc, Azure Monitor, Azure Update Manager, and Microsoft Defender for Cloud, and should be familiar with Active Directory Domain Services (AD DS).

Audience: This course is intended for Windows Server administrators who deploy, implement, manage, and troubleshoot Windows Server as a workload in on-premises, cloud, or hybrid environments. Candidates administer identity, security, compute, networking, storage, and monitoring for Windows Server, and they typically collaborate with architects, administrators, and engineers.

Description: This course teaches IT professionals how to deploy, manage, secure, and troubleshoot Windows Server workloads across on-premises, hybrid, and cloud environments. The course covers Active Directory Domain Services, Hyper-V and Azure virtual machines, on-premises and hybrid networking, storage and file services, Windows Server security hardening, and monitoring and troubleshooting. It highlights administrative tools and technologies including Windows Admin Center, PowerShell, Azure Arc, Azure Monitor, Azure Update Manager, and Microsoft Defender for Cloud.

OUTLINE:

LESSON 1: DEPLOY AND MANAGE ACTIVE DIRECTORY DOMAIN SERVICES

LESSON 2: MANAGE WINDOWS SERVER INSTANCES AND WORKLOADS IN A HYBRID ENVIRONMENT

LESSON 3: MANAGE VIRTUAL MACHINES

LESSON 4: IMPLEMENT AND MANAGE AN ON-PREMISES AND HYBRID NETWORKING INFRASTRUCTURE

LESSON 5: MANAGE STORAGE AND FILE SERVICES

LESSON 6: SECURE WINDOWS SERVER INFRASTRUCTURE

LESSON 7: MONITOR AND TROUBLESHOOT WINDOWS SERVER ENVIRONMENTS