AZ-800: Administering Windows Server Hybrid Core Infrastructure (16 hr)

Overview

In this instructor-led, online training course, students will learn the fundamental skills required to administer core Windows Server 2022 workloads using on-premises, hybrid, and cloud technologies. This course and exam are the first portion of the Microsoft Certified: Windows Server Hybrid Administrator Associate certification.

Skills Learned

After completing this online training course, students will be able to:
- Deploy and manage Active Directory Domain Services (AD DS) in on-premises and cloud environments
- Manage Windows Servers and workloads in a hybrid environment
- Manage virtual machines and containers
- Implement and manage an on-premises and hybrid networking infrastructure
- Manage storage and file services

Audience Profile

This online training course is intended for Windows Server administrators. This course is also for anyone who is trying to attain the Microsoft Certified: Windows Server Hybrid Administrator Associate certification.

Prerequisites

None, but it is recommended that before attending this course, students have:
- A basic understanding of networking fundamentals.
- An awareness and understanding of security best practices.
- An understanding of basic AD DS concepts.
- Basic knowledge of server hardware.
- Experience supporting and configuring Windows client operating systems such as Windows 8 or Windows 10.

Additionally, students would benefit from having some previous Windows Server operating system experience, such as experience as a Windows Server systems administrator.

Course Outline

01. Deploy and manage AD DS domain controllers

02. Configure and manage multi-site, multi-domain, and multi-forest environments

03. Create and manage AD DS security principals

04. Implement and manage hybrid identities

05. Manage Windows Server by using domain-based Group Policies

06. Manage Windows Servers in a hybrid environment

07. Manage Windows Servers and workloads by using Azure services

08. Manage Hyper-V and guest virtual machines

09. Create and manage containers

10. Manage Azure Virtual Machines that run Windows Server

11. Implement on-premises and hybrid name resolution

12. Manage IP addressing in on-premises and hybrid scenarios

13. Implement on-premises and hybrid network connectivity

14. Configure and manage Azure File Sync

15. Configure and manage Windows Server file shares

16. Configure Windows Server storage