Course duration

- 4 days

Course Benefits

- Prepare for Azure Stack Hub deployment
- Manage infrastructure certificates for Azure Stack Hub
- Manage Azure Stack Hub registration
- Configure an Azure Stack Hub home directory
- Provision a service principal for Azure Stack Hub
- Recommend a business continuity disaster recovery (BCDR) strategy
- Manage Azure Stack Hub by using privileged endpoints
- Manage Azure Stack Hub Marketplace
- Offer App Services and Event Hub resource providers
- Manage usage and billing

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Overview of Azure Stack Hub
   1. Azure Stack Hub
   2. Datacenter integration
   3. Azure Stack Hub PowerShell
   4. Module review questions
2. Provide Services
   1. Manage Azure Stack Hub Marketplace
   2. Offer an App Services resource provider
   3. Offer an Event Hubs resource provider
   4. Offer services
   5. Manage usage and billing
   6. Module review questions
   7. Lab: Manage offers and plans in Azure Stack Hub
   8. Lab: Add custom Marketplace Items by using the Azure Gallery Packager
   9. Lab: Validate Azure Resource Manager (ARM) Templates with Azure Stack Hub
   10. Lab: Implement SQL Server Resource Provider in Azure Stack Hub

3. Implement Data Center Integration
    1. Prepare for Azure Stack Hub deployment
    2. Manage Azure Stack Hub registration
    3. Module review questions
4. Manage Identity and Access for Azure Stack Hub
    1. Manage multi-tenancy
    2. Manage access
    3. Module review questions
    4. Lab: Delegate Offer Management in Azure Stack Hub
    5. Lab: Manage Service Principals in Azure Stack Hub
5. Manage the Azure Stack Hub Infrastructure
    1. Manage system health
    2. Azure Monitor on Azure Stack Hub
    3. Plan and configure business continuity and disaster recovery
    4. Manage capacity
    5. Update infrastructure
    6. Manage Azure Stack Hub by using privileged endpoints
    7. Module review questions
    8. Lab: Connect to Azure Stack Hub via PowerShell
    9. Lab: Access the Privileged Endpoint in Azure Stack Hub
    10. Lab: Manage Log Collection in Azure Stack Hub
    11. Lab: Configure and manage Azure Stack Hub Storage Accounts
    12. Lab: Manage Public IP Addresses in Azure Stack Hub
    13. Lab: Configure Azure Stack Hub Infrastructure Backup

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Azure class:

- Understanding of on-premises virtualization technologies, including VMs and virtual networking.
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including domains, forests, and domain controllers.