

Training: Microsoft

AZ-600T00 Configuring and Operating a Hybrid Cloud with Microsoft
Azure Stack HubMicrosoft
Partner

TRAINING GOALS:

This course teaches Azure administrators and Azure Stack Hub operators how to plan, deploy, package, update, and maintain the Azure Stack Hub infrastructure. Lessons include deploying Azure Stack Hub, managing the Azure Stack Hub Marketplace, offering App Services and Event Hub resource providers, managing Azure Stack Hub registration, and maintaining system health.

Skills gained:

- 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

Audience profile:

Students for AZ-600: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub are interested in becoming Azure Stack Hub operators who provide cloud services to end users or customers from within their own datacenter using Azure Stack Hub. Azure Stack Hub operators responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Stack Hub infrastructure. They also offer hybrid cloud resources and requested services and manage infrastructure as a service (IaaS) and platform as a service (PaaS).

CONSPECT:

- Overview of Azure Stack Hub
 - Why use Azure Stack Hub?
 - Azure Stack Hub architecture
 - How Azure Stack Hub is managed

- About Resource providers
- Differences between global Azure, Azure Stack Hub, and Azure Stack HCI
- Provide Services for Azure Stack Hub
 - Manage Azure Stack Hub Marketplace
 - Offer an App Services resource provider
 - Offer an Event Hubs resource provider
 - Offer services (quotas, plans, offers, and subscriptions)
 - Manage usage and billing
- Implement Data Center Integration
 - Prepare for Azure Stack Hub deployment
 - Manage infrastructure certificates for Azure Stack Hub
 - Manage Azure Stack Hub registration
- Manage Identity and Access for Azure Stack Hub
 - Manage multi-tenancy
 - Manage access
- Manage the Azure Stack Hub Infrastructure
 - Manage system health
 - Plan and configure business continuity and disaster recovery
 - Manage capacity
 - Update infrastructure
 - Manage Azure Stack Hub by using privileged endpoints

REQUIREMENTS:

Successful Azure Stack Hub students have prior experience with operating systems, virtualization, cloud infrastructure, storage structures, and networking:

- 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

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training.

TRAINER:

Microsoft Certified Trainer.