

AZ-600T00: Configuring and Operating a Hybrid Cloud with Microsoft® Azure® Stack Hub

Duration: 4 Days

Method: Instructor-Led Training (ILT) | Live Online Training

Certification: Microsoft Certified: Azure Stack Hub Operator Associate — **Exam:** AZ-600 Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Course Description

This course teaches participants 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.

Target Audience

This course is intended for:

 Persons who are interested in becoming Azure Stack Hub operators and who provide cloud services to end users or customers from within their datacentre using Azure Stack Hub



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Prerequisites

To attend this course, candidates must have completed one or both of the following courses, *AZ-900T00/01: Microsoft Azure Fundamentals* and *AZ-104T00: Microsoft Azure Administrator*, **OR** have the following:

- 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.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- 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



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Course Topics

Module 1: Overview of Azure Stack Hub

- Azure Stack Hub
- Datacentre Integration
- Azure Stack Hub PowerShell
- Module Review Questions

Module 2: Provide Services

- Manage Azure Stack Hub Marketplace
- Offer an App Services Resource Provider
- Offer an Event Hubs Resource Provider
- Offer Services
- Manage Usage and Billing
- Module Review Questions

Module 3: Implement Data Center Integration

- Prepare for Azure Stack Hub Deployment
- Manage Azure Stack Hub Registration
- Module Review Questions

Module 4: Manage Identity and Access for Azure Stack Hub

- Manage Multi-Tenancy
- Manage Access
- Module Review Questions

Module 5: Manage the Azure Stack Hub Infrastructure

- Manage System Health
- Azure Monitor on Azure Stack Hub
- Plan and Configure Business Continuity and Disaster Recovery
- Manage Capacity
- Update Infrastructure
- Manage Azure Stack Hub by Using Privileged Endpoints
- Module Review Questions

LABS INCLUDED



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