

Microsoft Certified: Azure Stack Hub Operator Associate – Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: Most questions cover features that are General Availability (GA). The exam may contain questions on Preview features if those features are commonly used.

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

Provide Services (30-35%)

Manage Azure Stack Hub Marketplace

- populate Azure Stack Hub Marketplace in a disconnected environment
- create a custom Azure Stack Hub Marketplace item
- manage lifecycle for Azure Stack Hub Marketplace items

Offer an App Services resource provider

- plan an App Services resource provider deployment
- deploy an App Services resource provider
- update an App Services resource provider
- scale roles based on capacity requirements
- rotate App Services secrets and certificates
- manage worker tiers
- back up App Services

Offer an Event Hubs resource provider

- plan an Event Hubs resource provider deployment
- deploy an Event Hubs resource provider
- update an Event Hubs resource provider
- rotate Event Hubs secrets and certificates

Offer services

- create and manage quotas

- create and manage plans
- create and manage offers
- create and manage user subscriptions
- change user subscription owner

Manage usage and billing

- set up usage data reporting
- view and retrieve usage data by using the Usage API
- manage usage and billing in multi-tenant and CSP scenarios

Implement Data Center Integration (15-20%)

Prepare for Azure Stack Hub deployment

- recommend a name resolution strategy
- recommend a public and internal IP strategy
- recommend a data center firewall integration strategy
- recommend an identity provider
- validate identity provider integration
- configure the Time Server (NTP)

Manage infrastructure certificates for Azure Stack Hub

- recommend a certificate strategy
- validate the certificates
- run secret rotation PowerShell cmdlet for external certificates

Manage Azure Stack Hub registration

- recommend a registration model
- register in a connected environment
- register in a disconnected environment
- re-register

Manage Identity and Access (10-15%)

Manage multi-tenancy

- configure Azure Stack Hub home directory
- register the guest tenant directory with Azure Stack Hub
- disable multi-tenancy
- update guest tenant directory

Manage access

- identify an appropriate method for access (service principal, users, groups)
- provision a service principal for Azure Stack Hub
- recommend a permission model
- configure access in Azure Stack Hub
- create a custom role

Manage Infrastructure (30-35%)

Manage system health

- recommend a monitoring strategy
- monitor system health by using the REST API
- includes resource providers such as Event Hubs
- monitor system health by using Syslog Server
- manage field replacement or repair
- configure automatic diagnostic log collection
- collect diagnostic logs on demand by using Powershell
- configure Syslog forwarding for Azure Stack Hub infrastructure

Plan and configure business continuity and disaster recovery

- recommend a business continuity disaster recovery (BCDR) strategy
- recommend a strategy for infrastructure backups
- configure storage target for infrastructure backups
- configure certificates for infrastructure backups
- configure frequency and retention policy for infrastructure backups

Manage capacity

- plan for system capacity
- manage partitioned GPUs
- add nodes
- manage storage capacity
- add IP pools

Update infrastructure

- update Azure Stack Hub
- download and import update packages manually
- update Azure AD Home Directory

Manage Azure Stack Hub by using privileged endpoints

- connect to a privileged endpoint
- configure the cloud admin user role
- unlock a support session
- close the session on the privileged endpoint
- stop and start Azure Stack Hub
- perform system diagnostics by using Test-AzureStack