

Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Authorized Microsoft Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub AZ-600 Distance Learning training.

Target audience:

- Administrator
- IT specialist



Purpose of the training

The training is intended for:

- Configuring Azure Stack Hub
- Configuring App Services
- Disaster Recovery

The training is intended for specialists who are interested in becoming Azure Stack Hub operators who provide services in cloud to end users or Clients of their own data center using Azure Stack Hub



Benefits of completing the training

- Preparing to implement Azure Stack Hub
- Managing infrastructure certificates for Azure Stack Hub service
- Managing registration in Azure Stack Hub
- Configuring Azure Stack Hub catalogue
- Provisioning service units for Azure Stack Hub
- Determining strategy of Business Continuity and Disaster Recovery (BCDR)

- Managing Azure Stack Hub using privileged end points
- Managing Azure Stack Hub Marketplace
- Acquaintance with App Services and Event Hub resource providers
- Use and accountings' management

The course provides participants with basic knowledge and skills of using Azure Stack Hub which include planning, implementing, packing, updating and maintaining Azure Stack Hub infrastructure. It also provides knowledge necessary to manage hybrid cloud and infrastructure as a service (IaaS) and platform as service (PaaS).



Examination method

The exam is on-line. You can enroll at: <https://home.pearsonvue.com/Clients/Microsoft.aspx>



Exam description

After the AZ-600 course, you can take Microsoft certification exams:an Authorized Test Center,online being monitored by an offsite proctor. Details on the website: <https://docs.microsoft.com/pl-pl/learn/certifications/exams/az-600>



Expected Listener Preparation

- Knowledge of local virtualization technologies including virtual machines and virtual networks
- Understanding network configuration including TCP/IP protocol, DNS, Virtual Private Networks (VPN), Firewalls and coding technologies
- Understanding the terms related to Active Directory service, including domains, forests and domain controllers

To make work more convenient and training more effective we suggest using additional screen. Lack of extra screen does not make it impossible to participate in the training, but significantly influences the convenience of work during classes

Information and requirements concerning participation in distance learning trainings is available at: <https://www.altkomakademia.pl/distance-learning/#FAQ>



Training Language

- **Training:** English
- **Materials:** English

Training Includes

* electronic handbook available at:

<https://learn.microsoft.com/pl-pl/training/>

* access to Altkom Akademia student portal

Training method:

- theory
- demos
- individual laboratories
- 50% theory
- 50% practice

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Training agenda

1: Discussing Azure Stack Hub

- Why is it worth to use Azure Stack Hub?
- Azure Stack Hub architecture
- How Azure Stack Hub is being managed
- Information about resource providers
- Differences between global platform Azure, Azure Stack Hub and Azure Stack HCI

2: Providing services for Azure Stack Hub

- Azure Stack Hub Marketplace management
- App Services resources provider

- Event Hubs service resources provider
- Services (limits, plans, offers and subscriptions)
- Use and accountings' management

3: Implementing database integration

- Preparing for Azure Stack Hub implementation
- Infrastructure certification management for Azure Stack Hub
- Registration management in Azure Stack Hub

4: Managing identity and access to Azure Stack Hub

- Managing several tenants
- Access management

5: Azure Stack Hub infrastructure management

- Managing system status
- Planning and configuring business continuity and Disaster Recovery
- Capacity management
- Updating infrastructure
- Azure Stack Hub management using privileged end points