

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

**Microsoft Official Course
(MOC)**

Course

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

(4 days)



About this Course:

- 4 Days
- Instructor-led training
- Intermediate

- English

This workshop teaches IT Professionals how to migrate existing on-premises workloads and assets to the cloud, specifically to the Microsoft Azure platform. Students learn how to assess and evaluate an existing on-premises environment in preparation for a cloud migration. Students also learn how to monitor and optimize their Azure-based workloads to maximize return on investment (ROI), and use Azure services to protect and manage your virtual machines, applications, and data.

Course Goals/Skills Gained:

- Identify the tools and services specific to each phase of the migration.
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- Discover and assess on-premises workloads for migration to Azure
- Obtain deeper profiling of an environment using app dependency mapping and assessment customizations
- Perform an end-to-end migration of on-premises workloads to Azure using Azure Migrate
- Replicate data from an on-premises datacenter to Azure or to a secondary site
- Migrate data from existing data sources to Azure data platforms using the Database Migration Service
- Secure and manage migrated workloads using Azure Security Center, Azure Backup, and Log Analytics
- Ensure an effective business continuity strategy that includes high availability, disaster recovery
- Back up and protect Azure IaaS virtual machines from any



location using the Azure Backup Service

- Define a recovery plan to ensure virtual machines fail over properly before running a full failover

Audience:

- This workshop is for IT Administrators and staff who need to plan, implement and manage migrations of on-premises resources to Azure, or to replicate Azure virtual machines to other Azure locations. They take business requests from workload owners to migrate workloads to the cloud in order to take advantage of the benefits that a cloud-enabled strategy provides over a traditional datacenter approach. This role requires communicating and coordinating with different individuals within an organization's IT department and business groups, as well as vendors.

Course Format:

	
Присъствен (Classroom) Курс в Учебната ни зала или В Офис на Клиент	Онлайн (Online/Virtual) Курс във виртуална зала с инструктор

Course Language Option

<input type="checkbox"/>	<input type="checkbox"/>
Български (Bulgarian)	Английски (English)

You can choose the language in which the training will be conducted – Bulgarian or English. All our instructors are fluent in English.

Student Guides:



The training materials are available in electronic format. They can be used online / offline on any device. Lifetime access.



Lab Environment:



Each student has their own lab environment where the exercises are conducted, part of the course. You do not need to install software on a computer or special hardware requirements. Participants in a face-to-face format in our


Training Center have an individual computer during the training.

At Course Completion:

	
Lifetime Access - Video Archive 24/7	Certificate of Course Completion

**Lifetime access to a video archive with recording of each individual lecture.
Official internationally recognized certificate for completed training course.**

Course Duration:

-  **▪ 4working days (09:00 – 17:00)
or**
 - 32 hours training (theory and practice) in non-working hours lasting 4 weeks**
Saturday and Sunday 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00
Monday and Wednesday 19:00 – 23:00
Tuesday and Thursday 19:00 – 23:00
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Payments :



An application for an invoice is accepted at the time of enrollment in the respective course.

An invoice is issued within 7 days of confirming the payment.

Upcoming Courses

■ Notice

There are no upcoming events.

For more information, use the contact form.

We will contact you to confirm the dates.

Prerequisites:

- IT Administrators start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking. In addition, IT administrators should have experience or equivalent knowledge in

administering an IaaS Azure infrastructure.

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
 - 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, domain controllers, replication, Kerberos protocol, and Lightweight Directory Access Protocol (LDAP).
 - Understanding of resilience and disaster recovery, including backup and restore operations.
 - Familiarity with using Azure, including the Azure portal, Cloud Shell, Azure PowerShell, CLI and ARM template.
 - Understanding of Azure Active Directory and cloud identity management.
 - Understanding of management of subscriptions, users, groups, and billing, and Azure policies.
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**The course prepares for the following
certification levels**

**.Microsoft Windows Server 2019 /
Azure Administrator**

- [You can be certified in our test center with a voucher with a discount on the price of the exam.](#)