



MICROSOFT TRAINING

Azure Stack Microsoft Cloud Workshop

Master Azure Stack to build and operate hybrid cloud environments. Deploy and manage applications on-premises with Azure services.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Azure Stack Microsoft Cloud Workshop offers an engaging, intermediate-level introduction to Microsoft's hybrid cloud solution. This workshop is meticulously designed to demystify Azure Stack, exploring its core technologies that extend Azure services and capabilities to your on-premises environment. Participants will gain a foundational understanding of how Azure Stack enables consistent application development, data sovereignty, and disconnected scenarios, bridging the gap between public cloud flexibility and on-premises control. Through practical insights, you'll uncover the strategic advantages of a true hybrid cloud strategy.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Understanding Azure Stack and Hybrid Cloud Fundamentals

- Introduction to Azure Stack: Hub, HCI, and Edge variants
- Defining Hybrid Cloud and its business drivers
- Key architectural components of Azure Stack Hub
- Consistent operations and application models across Azure and Azure Stack

02 Module 2: Managing Resources on Azure Stack Hub

- Connecting to an Azure Stack Hub environment (Admin and User portals)
- Provisioning Infrastructure-as-a-Service (IaaS) resources: VMs, storage accounts, virtual networks
- Utilizing Azure Stack Marketplace items
- Basic monitoring and management considerations within Azure Stack

03 Module 3: Exploring Hybrid Integration Scenarios

- Identity integration with Azure Active Directory and Active Directory Federation Services (AD FS)
- Data consistency and synchronization strategies between Azure and Azure Stack
- Common use cases for hybrid applications and services
- Introduction to Azure Arc for unified management of hybrid environments

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hybrid Cloud Infrastructure Engineer**
- > **Azure Stack Solutions Architect**
- > **Enterprise Cloud Administrator specializing in on-premises Azure services**

FREQUENTLY ASKED QUESTIONS

Q: What kind of hands-on experience can I expect from this 2-hour Azure Stack Microsoft Cloud Workshop?

This workshop is designed to provide a high-level, practical overview of Azure Stack. While it's not a deep-dive implementation course, you'll gain conceptual understanding reinforced with demonstrations and guided exercises on connecting to an Azure Stack environment, provisioning basic resources like virtual machines, and exploring the user portal interface. The focus is on immediate understanding and practical takeaways rather than extensive lab deployments.

Q: How will this workshop specifically enhance my ability to design and manage hybrid cloud solutions within an enterprise environment?

This workshop will provide you with a solid foundation in understanding the capabilities of Azure Stack, enabling you to identify suitable scenarios for extending Azure services on-premises. You'll learn about consistent tooling and processes across hybrid environments, which is crucial for seamless operations. This knowledge directly translates into better decision-making for data sovereignty, latency-sensitive applications, and disconnected operations, empowering you to contribute to robust hybrid cloud architectures.

Q: Are there any recommended prerequisites in terms of Azure knowledge or on-premises infrastructure experience to get the most out of this Azure Stack workshop?

While not strictly mandatory, having a basic familiarity with Azure core services (like VMs, VNets, storage accounts) and fundamental concepts of virtualization or on-premises infrastructure management will significantly enhance your learning experience. The workshop is structured for intermediate IT professionals, so a general understanding of cloud computing principles is beneficial, though specific Azure Stack experience is not required.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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