



MICROSOFT TRAINING

Microsoft Windows Server 2019 Certification Training Course

Master Windows Server 2019 administration. Gain skills in deployment, storage, networking, and virtualization for enterprise environments.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This Microsoft Windows Server 2019 Certification Training Course at Computer Pride is meticulously designed to equip IT professionals with the essential skills to deploy, configure, and manage Windows Server 2019 environments. You will dive deep into critical infrastructure components, including Active Directory Domain Services (AD DS), networking, storage solutions, and virtualization using Hyper-V. The course emphasizes practical, hands-on experience, preparing you to tackle real-world challenges in modern data centers and cloud-integrated environments.

Upon completion, participants will possess a robust understanding of Windows Server administration, enabling them to confidently implement security measures, manage server roles and features, and ensure the optimal performance and availability of server infrastructure. This certification serves as a foundational stepping stone for advanced IT roles, significantly enhancing your value to organizations relying on Microsoft technologies for their core operations. It's an investment in your expertise, leading to improved career prospects and a recognized credential in the IT industry.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Installation, Upgrades, and Migration

- Planning for Windows Server 2019 installation
- Installing Windows Server 2019 editions (Server Core, Desktop Experience)
- Performing post-installation configuration
- Migration strategies for older Windows Server versions
- Understanding Windows Server servicing channels

02 Module 2: Active Directory Domain Services (AD DS)

- Installing and configuring Domain Controllers
- Managing users, groups, and computer objects
- Implementing Group Policy Objects (GPOs)
- Administering AD DS databases and replication
- Securing AD DS and managing trust relationships

03 Module 3: Networking with Windows Server 2019

- Implementing IPv4 and IPv6 addressing
- Configuring DNS for name resolution
- Deploying and managing DHCP
- Implementing Network Policy Server (NPS)
- Configuring VPN and DirectAccess

04 Module 4: Storage and Hyper-V Virtualization

- Managing local storage (disks, volumes)
- Implementing Storage Spaces and Data Deduplication
- Installing and configuring Hyper-V host
- Creating and managing virtual machines
- Implementing Hyper-V networking and storage

05 Module 5: Server Monitoring, Maintenance, and Security

- Monitoring server performance and events
- Implementing Windows Server backup and recovery
- Managing Windows Server Update Services (WSUS)
- Configuring Windows Defender Firewall
- Implementing Just Enough Administration (JEA)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Windows Server Administrator**
- > **Infrastructure Support Engineer**
- > **Systems Engineer (Microsoft Technologies focus)**

FREQUENTLY ASKED QUESTIONS

Q: Who is the ideal candidate for this Microsoft Windows Server 2019 training, considering its 'Intermediate' level and 2-hour duration?

This course is best suited for IT professionals with foundational knowledge of networking fundamentals, basic server concepts, and familiarity with the Windows operating system. While the stated duration is 2 hours, it likely refers to a specific module or introductory session. A full certification typically requires more in-depth study. Ideal candidates are junior system administrators, IT support specialists, or network technicians looking to specialize in Microsoft server environments and prepare for a comprehensive certification exam.

Q: How do the skills learned in this Windows Server 2019 course translate to managing hybrid cloud environments, particularly with Azure integration?

The skills acquired in this course provide a crucial on-premises foundation for managing hybrid cloud environments. Windows Server 2019 features like Storage Migration Service, System Insights, and Server Core app compatibility enhance integration with Azure. Understanding on-premises Active Directory, networking, and security principles is essential for extending these services to Azure AD, Azure Virtual Networks, and other cloud services. This course lays the groundwork for seamless hybrid cloud management strategies.

Q: Will this course cover advanced troubleshooting techniques for common Windows Server 2019 issues such as AD replication failures or network connectivity problems?

While the core curriculum focuses on installation, configuration, and management, each module incorporates best practices that inherently aid in preventing and diagnosing common issues. For instance, the AD DS module covers monitoring replication health, and the Networking module delves into DNS and DHCP troubleshooting. The final module on monitoring and maintenance will further equip you with tools and methodologies to identify and resolve performance bottlenecks and operational issues, preparing you for more advanced troubleshooting scenarios in a production environment.

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+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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