

20740M: Windows Server Quick Strike

Course length: 4 day(s)

Course Description

This four-day course provides students with the fundamental knowledge and skills to provision and administrate Windows Server. This class focuses on using the built-in graphical tools as well as exposure to Active Directory. This class will provide prerequisite skills supporting a broad range of other Microsoft products, Windows Client, Exchange Server, SharePoint Server, SQL Server, System Center, and more.

Quick Strike

Complete Computing's "Quick Strike" classes are special versions of our regular course counterpart. Quick Strike classes are shorter in duration and are priced accordingly. In a Quick Strike class, students will receive the full curriculum and for months after class, will have access to virtual machines to work through other parts of the material on their own time as needed. In short, this Quick Strike class is designed to focus on the key areas of Window Server provisioning and management in a short amount of time.

Audience Profile

This course is intended for IT Professionals who have the need to administrate Windows Server, either in a traditional on-premise datacenter or hosted in a cloud-based datacenter.

Prerequisites

Since this is a "starting point" class, the prerequisites are pretty light. Before attending this course, students should have:

- Knowledge navigating a graphical user interface.
- Experience installing hardware, either physically or virtually is a plus (e.g. CompTIA A+ knowledge and experience).
- Knowledge and experience of basic network components, namely: DNS and network adapter configuration is a plus.
- Tenacity and a willingness to learn.



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Course Content

Installation and deployment best practices (*Module 1 of 20740*)ⁱ

- Preparing for various Window Server editions
- Preparing for upgrades and migrations
- Windows Server activation and deployment best practices

Patch management (*Module 12 of 20740*)

- WSUS overview and deployment options
- Using Performance Monitor
- Monitoring Event Logs
- Windows Admin Center

Windows Server virtualization (*Module 8 of 20740*)

- Overview and installation of Hyper-V
- Configuring storage and networking on Hyper-V host servers
- Configuring Hyper-V virtual machines

Installing and configuring domain controllers (*Module 1 of 20742*)

- Overview of Active Directory
- Overview and deployment of Active Directory Domain Controllers
- Managing user, group, and computer objects in Active Directory

Implementing Group Policy (*Module 5 & 6 of 20742*)

- Introducing and implementing Group Policy
- Group Policy scope and Group Policy processing
- Implementing administrative templates
- Configuring Folder Redirection, software installation, and scripts
- Configuring Group Policy preferences

Networking in Windows Server (*Module 1 of 20741*)

- Planning, managing and troubleshooting IPv4 network connectivity
- Overview and deployment of DHCP
- Transition from IPv4 to IPv6
- Implementing DNS servers and zones
- Configuring DNS integration with Active Directory
- Overview and deployment of IPAM

ⁱ The module from which course (ie. 2074x) the section is primarily sourced is noted in parentheses. Keep in mind this is a custom class so additional course materials, demos, and labs are incorporated into this class.