

<u>10970BC</u>	<u>Networking with Windows Server</u>	<u>5 DAYS</u>	<u>SATV : YES</u>
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Course Description

Get hands-on instruction and practice implementing networking with Windows Server 2012 and Windows Server 2012 R2 in this 5-day Microsoft Official Course. You will learn the skills you need to help reduce networking complexity while lowering costs, simplifying management tasks, and delivering services reliably and efficiently.

Course Outline :

Module 1: Implementing IPv4 Services

- Planning IPv4 Addressing
- Managing and Troubleshooting IPv4 Connectivity
- Deploying Dynamic Host Configuration Protocol
- Managing and Troubleshooting DHCP

Module 2: Implementing Name Resolution by Using DNS

- Implementing DNS Servers
- Configuring Zones in DNS
- Configuring DNS Integration with AD DS
- Configuring Advanced DNS Settings
- Configuring DNS Resolution Between Zones

Module 3: Implementing IPv6

- Overview of IPv6 Addressing
- Implementing IPv6 and IPv4 Coexistence
- Transitioning from IPv4 to IPv6 Wireless Networking
- Connecting to the Internet
- Remote Access

Module 4: Implementing IPAM

- IPAM Overview
- Deploying IPAM
- Managing IP Address Spaces by Using IPAM

Module 5: Implementing Remote Access

- Remote Access Overview
- Implementing DirectAccess by Using the Getting Started Wizard
- Implementing and Managing an Advanced DirectAccess Infrastructure
- Implementing VPN
- Planning a Complex Remote Access Infrastructure
- Implementing Web Application Proxy

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Module 6: Implementing Network Security

- Managing Windows Firewall with Advanced Security
- Configuring IPsec and Connection Security Rules
- Implementing Isolation Zones

Module 7: Implementing Network Access Protection

- Implementing NPS
- Network Access Protection Overview
- Configuring NAP
- Configuring IPsec Enforcement for NAP
- Monitoring and Troubleshooting NAP

Module 8: Implementing Networking for Branch Offices

- Networking Features and Considerations for Branch Offices
- Implementing DFS for Branch Offices
- Implementing BranchCache for Branch Offices

Module 9: Implementing Networking Infrastructure for File and Data Services

- Implementing iSCSI
- Implementing High Performance Networking Features

Module 10: Implementing and Managing Networking in Hyper-V

- Creating and Using Hyper-V Virtual Switches
- Configuring Advanced Hyper-V Networking Features

Module 11: Virtualizing Your Network Infrastructure

- Implementing Hyper-V Network Virtualization
- Managing Your Virtualized Network Infrastructure