

70-642 - Configuring Windows Server 2008 R2 Network Infrastructure Series

Modality: On Demand

Duration: 18 Hours

About this course:

This course will teach about Windows Server 2008.

Windows Server 2008 is the second important release in the Windows Server series of operating systems for server computers. This installation is the subsequent version of Windows Server 2003. This OS version is all about brand-new and advanced features like, Server Core, which is an optional program to install. This program provides the advantage of administration job completely through the command-line interface. This course is filled with sufficient knowledge which is required by a Microsoft Certified Technology Specialist in Windows Server 2008 Network Infrastructure Configuration. Mainly, this course has been designed for the students to get completely prepared for the Microsoft 70-642: Windows Server 2008 Network Infrastructure, Configuring exam.

On average, a Windows Server Administrator earns \$55,929 per annum.

Learning objectives:

The course has the following learning objectives:

- Configuring the IPv4 and IPv6 addressing
- Setting up and configuring DHCP servers, DNS servers, and DNS zones
- Incorporating Ipsec, Windows Firewall, and Network Access Protection (NAP)
- Formulating procedure for and regulating Windows Server Update Services
- Regulating file and print services in Windows Server 2008 R2
- Permitting remote and wireless access, including DirectAccess
- Monitoring and troubleshooting the network performance

Audience:

This course is designed for and is suitable for IT professionals.

Requirements:

The course particularly does not have any mandatory requirements but having sufficient IT knowledge will be a plus.

Suggested pre-taken courses:

- 70-640: Configuring Windows Server 2008 R2 Active Directory

- 70-410 - Installing and Configuring Windows Server 2012 R2

Course Outline:

- **Course Introduction**
- Module 01 - Understanding and Configuring IP
- Module 02 - Configuring IP Based Solutions
- Module 03 - Understanding IP Routing
- Module 04 - Connecting Windows to the LAN
- Module 05 - Securing the Client, Network, and Communications
- Module 06 - Managing Files
- Module 07 - Monitoring Systems
- Module 08 - Managing Printers
- Module 09 - Securing Windows Through Updates
- Course Conclusion