

# Networking with Windows Server 2016

## Description

This 5-day Networking with Windows Server 2016 training class provides the fundamental networking skills required to deploy and support Windows Server 2016 in most organizations. It covers IP fundamentals, remote access technologies, and more advanced content including software defined networking.

This course is intended for existing IT professionals who have some networking knowledge and experience and are looking for a single course that provides insight into core and advanced networking technologies in Windows Server 2016. This audience would typically include:

- Network administrators who are looking to reinforce existing skills and learn about new networking technology changes and functionality in Windows Server 2016.
- System or Infrastructure Administrators with general networking knowledge who are looking to gain core and advanced networking knowledge and skills on Windows Server 2016.

### Delegates will learn how to

- plan and implement an IPv4 network.
- implement Dynamic Host Configuration Protocol (DHCP).
- implement IPv6.
- implement Domain Name System (DNS).
- implement and manage IP address management (IPAM).
- plan for remote access.
- implement DirectAccess.
- implement virtual private networks (VPNs).
- implement networking for branch offices.
- configure advanced networking features.
- implement software defined networking.

# Networking with Windows Server 2016

---

## Outline

Planning and implementing an IPv4 network

Implementing DHCP

Implementing IPv6

Implementing DNS

Implementing and managing IPAM

Remote access in Windows Server 2016

Implementing DirectAccess

Implementing VPNs

Implementing networking for branch offices

Configuring advanced networking features

Implementing software defined networking

## Prerequisites

There is no prerequisite