

Securing Windows Server 2016

Duration: 5 Days · **Training format:** Virtual Classroom / Online

Description

This five-day, Securing Windows Server 2016 training class teaches IT professionals how they can enhance the security of the IT infrastructure that they administer. This course begins by emphasizing the importance of assuming that network breaches have occurred already, and then teaches you how to protect administrative credentials and rights to ensure that administrators can perform only the tasks that they need to, when they need to.

This course also details how you can mitigate malware threats, identify security issues by using auditing and the Advanced Threat Analysis feature in Windows Server 2016, secure your virtualization platform, and use new deployment options, such as Nano server and containers to enhance security. The course also explains how you can help protect access to files by using encryption and dynamic access control, and how you can enhance your network's security.

Delegates will learn how to

- secure Windows Server.
- secure application development and a server workload infrastructure.
- manage security baselines.
- configure and manage just enough and just-in-time (JIT) administration.
- manage data security.
- configure Windows Firewall and a software-defined distributed firewall.
- secure network traffic.
- secure your virtualization infrastructure.
- manage malware and threats.
- configure advanced auditing.
- manage software updates.
- manage threats by using Advanced Threat Analytics (ATA) and Microsoft Operations Management Suite (OMS).

Outline

Breach detection and using the Sysinternals tools

Protecting credentials and privileged access

Limiting administrator rights with Just Enough Administration

Privileged Access Management and administrative forests

Mitigating malware and threats

Analysing activity by using advanced auditing and log analytics

Analysing activity with Microsoft Advanced Threat Analytics feature and Operations Management Suite

Securing your virtualization an infrastructure

Securing application development and server-workload infrastructure

Protecting data with encryption

Limiting access to file and folders

Using firewalls to control network traffic flow

Securing network traffic

Updating Windows Server

Prerequisites

There is no prerequisite