

## **70-744 - Securing Windows Server 2016**

**Modality:** Self-Paced Learning

**Duration:** 14 Hours

**SUBSCRIPTION:** Learn, Master, Master Plus

***This course prepares you for the 70-744 Exam leading to 70-744 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the **Official Exam Voucher** separately.***

### **About this course:**

This advanced level certification course 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 actual purpose for this course is to prepare our students for the [Microsoft 70-744: Securing Windows Server 2016 exam](#).

The average salary for a Windows Server Administrator is **\$69,077** per year.

### **Course Objective:**

After completing this course, students will be able 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).

### **Audience:**

This course is intended for:

- IT professionals who need to administer Windows Server 2016 networks securely. These professionals typically work with networks that are configured as Windows Server domain-based environments, with managed access to the Internet and cloud services.

## Prerequisites:

Students should have at least two years of experience in the IT field and should have:

- A solid, practical understanding of networking fundamentals, including TCP/IP, User Datagram Protocol (UDP), and Domain Name System (DNS).
- A solid, practical understanding of Active Directory Domain Services (AD DS) principles.
- A solid, practical understanding of Microsoft Hyper-V virtualization fundamentals.
- An understanding of Windows Server security principles.

## Suggested prerequisites courses:

- [LFS265 - Software Defined Networking Fundamentals](#)
- [70-742: Managing Active Directory Objects in Windows Server 2016](#)
- [Securing Windows Server 2016 - MOC On Demand \(MS-20744\)](#)

## Course Outline:

- **Course Introduction**
- Module 01 - Introduction to Attacks, Breaches, and Detection
- Module 02 - Protecting Users and Workstations
- Module 03 - Managing Administrative Access
- Module 04 - Configuring Anti-Malware and Patch Management
- Module 05 - Auditing and Advanced Threat Analytics
- Module 06 - Securing the Infrastructure
- Module 07 - Configuring Data Protection
- Module 08 - Advanced File Server Management
- Module 09 - Securing the Network Infrastructure
- Course Conclusion