Windows Server 2016: Securing Identities and Information

Modality: On Demand

Duration: 24 Hours

About this course:

The job role of IT administrators is to enforce secure identity management solutions among multiple devices, platforms, and applications. Windows Server 2016 has the feature of advancing the IT administrators' ability to do the aforementioned activity, alongside enforcing a productive identity management inside their respective environments.

This course will teach you on how to incorporate different technologies to productively regulate this procedure, involving Active Directory Federation Service (AD FS), Microsoft Identity Manager (MIM), Privileged Access Management (PAM), Active Directory Rights Management Services (AD RMS), and Just Enough Administration (JEA).

It is crucial for IT Administrators to understand important security concepts like principle of least privilege, authentication and encryption protocols, user account life cycle, and a lot more with reference to the technologies themselves. This course has been designed to teach you just that. The course will adequately give you a general insight of all the mentioned concepts and procedures alongside the technologies.

Learning objectives:

The course has the following learning objectives:

- Learning methods of using Active Directory Federation Service (AD FS) to provide the users with federated identity and single sign-on
- Enforcing Microsoft Identity Manager (MIM) and Privileged Access Management (PAM) to smoothly connect multiple on-premises authentication stores
- Effectively using Active Directory Rights Management Services (AD RMS) to help secure digital data from unauthorized use.
- Learning the ways of using Just Enough Administration (JEA) for productively assign and restrict administrator privileges

Audience:

The course has been designed for IT administrators and programmers.

Requirements:

In order to take this course, you must have sufficient experiences in Windows Server administration and Active Directory technologies. Additionally, in this course, Windows PowerShell will be the preferred tool when enforcing the features of the program.

Mimecast

Course Outline:

Active Directory Federation Services

- Identity Concepts
- Implementing AD FS
- Managing AD FS
- Practical Exercises
- Module 1 Review Questions

Active Directory Rights Management Services

- Introducing Rights Management
- AD RMS Components
- Deploying and Configuring AD RMS
- Further AD RMS Administration Tasks
- Module 2 Practical Exercises
- Module 2 Review Questions

Microsoft Identity Manager and Privileged Access Management

- Microsoft Identity Manager
- Privileged Access Management
- Implementing PAM
- Module 3 Practical Exercises
- Module 3 Review Questions

Just Enough Administration

- JEA Overview
- Implementing JEA
- Module 4 Practical Exercises
- Module 4 Review Questions

Course Completion

- Final Exam?