

## **55355 : SharePoint 2016 Administration Courseware**

### Content

#### **Module 1: Hardware, Installation, and Patching**

This module covers the planning and architecture of the SharePoint platform, including hardware requirements and configurations. It involves SQL good practices and a step-by-step installation of a SharePoint server.

##### **Lessons:**

- Building a Min Role Farm
- Viewing ULS Logs
- Documenting and Checking IIS Settings

##### **Lab 1: Hardware and Installation**

- Build a Farm using Min Role
- View ULS Logs
- Document IIS Settings

##### **Outcomes:**

- Build a SharePoint 2016 farm using Min Role.
  - View SharePoint 2016 ULS Logs.
  - Check and document IIS Settings for SharePoint 2016.
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#### **Module 2: Farm Management**

Explore Central Administration and PowerShell management, including configuration options and post-installation practices.

##### **Lessons:**

- Managing the SharePoint Farm Administrators group
- Configuring Outgoing and Incoming Email
- Configuring Diagnostic and Usage Log Options

##### **Lab 1: Farm Management**

- Manage the Farm Administrators group
- Configure Outgoing and Incoming Email
- Configure Diagnostic and Usage Log options

**Outcomes:**

- Manage the SharePoint 2016 Farm Administrators group.
  - Set up outgoing and incoming email.
  - Configure diagnostic and usage log options.
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## **Module 3: Web Applications**

This module examines changes to Web Applications, including SSL certificate usage and host-named site collections.

**Lessons:**

- Defining a new Managed Account
- Adding IP Addresses to a SharePoint Server
- Creating Claims-Based Web Applications

### **Lab 1: Web Applications**

- Define a new Managed Account
- Add IP addresses
- Create Claims-based and Hosting web applications

**Outcomes:**

- Define a new Managed Account.
  - Add new IP Addresses to a SharePoint server.
  - Create claims-based web applications in both CA and PowerShell.
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## **Module 4: Site Collections**

Learn about creating and managing Site Collections, including database sizing and migration practices.

**Lessons:**

- Creating Managed Paths and Site Collections
- Managing Site Collections using Central Administration and PowerShell

### **Lab 1: Site Collections**

- Create a Managed Path
- Create Site Collections in CA and PowerShell

**Outcomes:**

- Create new managed paths and site collections in SharePoint 2016.
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## **Module 5: Service Applications**

This module focuses on new, changed, and deprecated components in SharePoint 2016 regarding service applications.

### **Lessons:**

- Creating State, Search, and Managed Metadata Service Applications

### **Lab 1: Service Applications**

- Create the State, Search, and Managed Metadata Services

### **Outcomes:**

- Create various Service Applications in SharePoint.
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## **Module 6: Application Management**

Learn to set up an on-premise App marketplace hub and maintain control over apps.

### **Lessons:**

- Configuring DNS, Subscription Settings, and App Catalogs

### **Lab 1: Application Management**

- Create new IP addresses, configure DNS, and add apps to the catalog

### **Outcomes:**

- Manage applications effectively within SharePoint.
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## **Module 7: Managing the User Profile Service**

Explore building the User Profile Application and synchronizing profiles from various sources.

### **Lessons:**

- Creating My Site Web Applications and User Profile Service Applications

## **Lab 1: Managing the User Profile Service**

- Create My Site Web Application and configure synchronization

### **Outcomes:**

- Build and manage user profiles effectively in SharePoint.
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## **Module 8: Search**

Investigate the architecture of the Search Service and its components.

### **Lessons:**

- Viewing Search Topology and configuring search schemas

### **Lab 1: Search**

- Create an Enterprise Search Center and configure content sources

### **Outcomes:**

- Manage and optimize search capabilities in SharePoint.
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## **Module 9: Office Online Server**

Learn to deploy the on-premises version of Office Online Server and its integration with SharePoint.

### **Lessons:**

- Installing prerequisites and connecting to SharePoint

### **Lab 1: Office Online Server**

- Complete the installation and connectivity tests

### **Outcomes:**

- Deploy and configure Office Online Server for SharePoint.
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## **Module 10: Enterprise Content Management**

Focus on components that support Lifecycle management and EDiscovery in SharePoint.

**Lessons:**

- Creating site policies, discovery sets, and configuring records management

**Lab 1: ECM**

- Implement site policies and configure DLP

**Outcomes:**

- Manage enterprise content efficiently within SharePoint.
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## **Module 11: Web Content Management**

Explore publishing features including multi-language site variations and content deployment.

**Lessons:**

- Configuring cross-site publication and content deployment

**Lab 1: WCM**

- Implement cross-site publication and content deployment

**Outcomes:**

- Manage and deploy web content effectively.
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## **Module 12: Workflow Server**

Understand how to build and deploy workflows with Workflow Manager in SharePoint.

**Lessons:**

- Installing Workflow Manager and configuring the workflow farm

**Lab 1: Workflow**

- Install Workflow Manager and register workflows

**Outcomes:**

- Create and manage workflows within SharePoint.

