20339-2: Advanced Technologies of SharePoint® 2016

Duration: 5 Days
Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

This course will teach participants how to plan, configure, and manage the advanced features in a SharePoint 2016 environment. The special areas of focus for this course include implementing high availability, disaster recovery, service application architecture, and Microsoft® Business Connectivity Services. This course also focuses on social computing features, productivity, and collaboration platforms and features. Participants also will learn about Business Intelligence (BI) solutions, Enterprise Content Management, web content management infrastructure, solutions, and apps. This course also covers how to develop and implement a governance plan, and how to perform an upgrade or a migration to SharePoint 2016.

NOTE: *This course is the **second** in a sequence of two courses for IT Professionals.*

Target Audience

This course is intended for:

- IT Professionals

Prerequisites

To attend this course, candidates must have:

- Completed the course, *20339-1A: Planning and Administering Microsoft SharePoint 2016*, or have equivalent knowledge and experience.
- Working knowledge of, and preferably hands-on experience, with Microsoft SharePoint Online.
- Broad familiarity with SharePoint Server workloads.
- Experience with business continuity management, including data backup, restoration, and high availability.
- Experience with authentication and security technologies.
- Experience with Windows PowerShell®.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Describe the core SharePoint 2016 architecture and its new and improved features.
- Describe the key hybrid features in SharePoint 2016.
- Plan and design a SharePoint 2016 environment to meet requirements for high availability and disaster recovery.
- Plan and implement Business Connectivity Services and Secure Store Service.
- Configure and manage productivity services for a SharePoint 2016 deployment.
- Manage solutions in a SharePoint 2016 deployment.
- Plan and configure social computing features.
- Plan and configure web content management for an Internet-facing environment.
- Plan and configure Enterprise Content Management in a SharePoint 2016 deployment.
- Plan and configure business intelligence solutions.
- Plan and configure work management, productivity, and collaboration platforms and features.
- Perform an upgrade or migration to SharePoint 2016.

Course Topics

Module 1: Introduction to SharePoint 2016

- Core Components of the SharePoint 2016 Architecture
- New, Deprecated, and Removed Features in SharePoint 2016
- SharePoint 2016 and SharePoint Online Editions

Module 2: Introduction to Hybrid Scenarios for SharePoint 2016

- Exploring the Hybrid Features in SharePoint 2016
- Preparing for a Hybrid SharePoint 2016 Deployment
- Creating an Office 365 Tenant

Module 3: Designing Business Continuity Management Strategies

- Designing Database Topologies for High Availability and Disaster Recovery
- Designing a SharePoint Infrastructure for High Availability
- Planning for Disaster Recovery

Module 4: Planning and Implementing Business Connectivity Services (BCS) and Secure Store Service

- Planning and Configuring BCS
- Configuring the Secure Store Service
- Managing BCS Models

Course Topics *Continued*

Module 5: Configuring Productivity Services for a SharePoint 2016 Deployment

- Understanding the SharePoint Add-In Architecture
- Provisioning and Managing Apps and App Catalogues
- Provisioning Productivity Services

Module 6: Managing Solutions in Microsoft SharePoint 2016

- Understanding the SharePoint 2016 Solution Architecture
- Managing Sandboxed Solutions

Module 7: Connecting People

- Managing User Profiles
- Enabling Social Interaction
- Building Communities

Module 8: Planning and Configuring Web Content Management

- Planning and Implementing a Web Content Management Infrastructure
- Configuring Managed Navigation and Catalogue Sites
- Supporting Multiple Languages and Locales
- Enabling Design and Customization
- Supporting Mobile Users

Module 9: Planning and Configuring Enterprise Content Management

- Planning Enterprise Content Management
- Planning and Configuring eDiscovery
- Planning Records Management

Module 10: Planning and Configuring Business Intelligence (BI) Solutions

- Planning BI Architecture
- Planning, Deploying, and Managing BI Services
- Planning and Configuring Advanced Analysis Tools

Module 11: Planning and Configuring Productivity and Collaboration

- Planning and Configuring Collaboration Features
- Planning and Configuring Composites

Module 12: Upgrading and Migrating to SharePoint 2016

- Preparing for An Upgrade or Migration
- Upgrade to SharePoint 2016
- Planning and Managing a Site-Collection Upgrade

LABS INCLUDED