



# 20339-2: Advanced Technologies of SharePoint® 2016

Duration: 5 Days

Method: Instructor-Led

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*Certification: Microsoft® Certified Solutions Expert (MCSE): Productivity —  
Exam: 70-339 Managing Microsoft® SharePoint® Server 2016*

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## Course Description

This course will teach you 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. Students also will learn about business intelligence 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.

## Target Audience

This course is intended for:

- Experienced IT Professionals who are interested in learning how to install, configure, deploy, and manage SharePoint® 2016 installations either in a data center or in the cloud.
- Business Application Administrators (BAAs) who are actively engaged in administering line-of-business (LOB) projects in conjunction with internal business customers working with SharePoint® 2016.

## Prerequisites

To attend this course, participants must have:

- At least one-year experience with deploying and administering multiple SharePoint® Server 2013 farms across a large enterprise.
- Completed the 20339-1: *Planning and Administering Microsoft® SharePoint® 2016* course or have the knowledge and equivalent skills.

Participants must also have the following technical skills:

- At least a one-year experience of mapping business requirements to both logical and physical technical designs.
- Working knowledge of network design, including network security.
- Software management experience in a Windows Server® 2012 R2 enterprise server or Windows Server® 2016 environment.



## Prerequisites, *Continued*

- Deploying and managing applications natively, virtually, and in the cloud.
- Administering IIS.
- Configuring AD DS for use in authentication and authorization, and as a user store.
- Managing an application remotely by using Windows PowerShell® 2.0 or later.
- Connecting applications to SQL Server®.
- Implementing claims-based security.

## Course Objectives

Upon successful completion of this course, participants 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 Content

### 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

### 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 Content, *Continued*

### Module 5: Configuring Productivity Services for a SharePoint® 2016 Deployment

- Understanding the SharePoint® Add-in architecture
- Provisioning and managing apps and App Catalogs
- 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 catalog 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 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

