ADVANCED TECHNOLOGIES OF SHAREPOINT 2016 (M20339-2)

Course Code: 4460

Learn to plan, configure, and manage the advanced features in a SharePoint 2016 environment.

In this course, you will learn how to plan, configure, and manage the advanced features in SharePoint 2016, including implementing high availability, disaster recovery, service application architecture, Microsoft Business Connectivity Services, productivity, and collaboration platforms and features. You’ll learn the new hybrid features of SharePoint 2016 along with business intelligence solutions, enterprise content management, web content management infrastructure, solutions, apps as well as how to develop and implement a governance plan and perform an upgrade or migration to SharePoint 2016.

This course uses Microsoft SharePoint 2016 and incorporates material from the Official Microsoft Learning Product 20339-2: Advanced Technologies of SharePoint 2016.

What You’ll Learn

• New and improved features of the core SharePoint 2016 architecture
• Key hybrid features in SharePoint 2016
• Plan and design a SharePoint 2016 environment 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, work management, productivity, and collaboration platforms and features
• Perform an Upgrade or Migration to SharePoint 2016

Who Needs to Attend

• Experienced IT professionals interested in learning how to install, configure,
deploy and manage SharePoint 2016 installations either in a data center or in the cloud.

- More than four years’ experience with planning and maintaining SharePoint and other core technologies on which SharePoint depends, including Windows Server 2012 R2 or later, Internet Information Services (IIS), Microsoft SQL Server 2014 or later, Active Directory Services (AD DS), and networking infrastructure services.

Prerequisites

- Minimum one year experience with deploying and administering multiple SharePoint 2013 farms across a large enterprise and mapping business requirements to both logical and physical technical designs
- Planning and Administering SharePoint 2016 (M20339-1) or have the equivalent knowledge and experience prior to taking this course
- Working knowledge of network design, including network security
- Software management in a Windows Server 2012 R2 enterprise server or Windows Server 2016 environment
- 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
- Managing databases and server roles in SQL Server
- Connecting applications to SQL Server
- Implementing claims-based security
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| CLASSROOM LIVE | $3,095 CAD | 5 days |

Classroom Live Outline

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

2. Hybrid Scenarios for SharePoint 2016
   • Explore the hybrid features in SharePoint 2016
   • Prepare for a hybrid SharePoint 2016 deployment

3. Design Business Continuity Management Strategies
   • Design database topologies for high availability ad disaster recovery
   • Design a SharePoint infrastructure for high availability
   • Plan for disaster recovery

4. Plan and Implement Business Connectivity Services (BCS) and Secure Store Service
   • Plan and configure BCS
   • Configure the Secure Store Service
   • Manage BCS models

5. Configure Productivity Services for a SharePoint 2016 Deployment
   • Understand the SharePoint add-in architecture
   • Provision and manage apps and app catalogs
   • Provision productivity services

6. Manage Solutions in Microsoft SharePoint 2016
   • Understand the SharePoint 2016 solution architecture
   • Manage sandboxed solutions

7. Connecting People
• Mange user profiles
• Enable social interaction
• Build communities

8. Plan and Configure Web Content Management
   • Plan and implement a web content management infrastructure
   • Configure managed navigation and catalog sites
   • Support multiple languages and locales
   • Enable design and customization
   • Support mobile users

9. Plan and Configure Enterprise Content Management
   • Plan Enterprise Content Management
   • Plan and configure eDiscovery
   • Plan records management

10. Plan and Configure Business Intelligence Solutions
    • Plan BI architecture
    • Plan, deploy, manage BI services
    • Plan and configure advanced analysis tools

11. Plan and Configure Productivity and Collaboration
    • Plan and configure collaboration features
    • Plan and configure composites

12. Upgrade and Migrate to SharePoint 2016
    • Prepare for an upgrade or migration
    • Plan and manage a site-collection upgrade

Classroom Live Labs
Lab 1: Review the Core Microsoft SharePoint 2016 Concepts
Lab 2: Configure Office 365 Tenant
Lab 3: Create Hybrid Team Sites
Lab 4: Plan and Perform Backup and Restore
Lab 5: Configure BCS and the Secure Store Service
Lab 6: Manage BDC Models
Lab 7: Configure and Mange SharePoint Add-Ins
Lab 8: Manage Solutions
Lab 9: Configure Profile Synchronization
Lab 10: Configure Community Sites
Lab 11: Configure Managed Navigation and Catalog Sites
Lab 12: configure Device Channels
Lab 13: Configure eDiscovery in SharePoint 2016
Lab 14: Configure Records Management in SharePoint Server 2016
Lab 15: Install Office Online Server
Lab 16: Configure PowerPivot and Power View for SharePoint 2016
Lab 17: Configure and Work with Project Sites
Lab 18: Configure a Workflow
Lab 19: Perform a Content Database Migration and Upgrade from Microsoft SharePoint Server 2013
Lab 20: Manage site collection upgrades
Virtual Classroom Live Outline

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PRIVATE GROUP TRAINING 5 days

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