

5 Days

20339-2A: Advanced Technologies of SharePoint 2016

Advanced Technologies of SharePoint 2016 Training, Part II of the series of 2 courses, is a five-day course that describes how to plan, configure, and manage the advanced features in a SharePoint 2016 environment. The course focuses on topics that include implementing high availability, disaster recovery, service application architecture, and Microsoft Business Connectivity Services.

After completing the course, professionals are able to acquire the knowledge of business intelligence solutions, Enterprise Content Management, web content management infrastructure, solutions, and apps.

This course is a prerequisite for qualifying the Advanced Technologies of SharePoint 2016 exam (70-339-2).

Course Details

Course Outline

Module 1: Introduction to SharePoint 2016

This module describes the core architectural components of a SharePoint Server environment and helps to identify the new depreciated and removed features in SharePoint 2016.

Lessons

- Core components of the SharePoint 2016 architecture
- SharePoint 2016 and SharePoint Online editions
- New, deprecated, and removed features in SharePoint 2016

Module 2: Introduction to hybrid scenarios for SharePoint 2016

This module describes the key hybrid features in SharePoint 2016 and helps you to prepare for a hybrid SharePoint 2016 deployment.

Lessons

- Prepare for a hybrid SharePoint 2016 deployment
- Explore the hybrid features in SharePoint 2016

Module 3: Designing business continuity management strategies

This module describes how to select an appropriate database server configuration to meet availability requirements.

Lessons

- Planning for disaster recovery
- Designing database topologies for high availability and disaster recovery
- Designing a SharePoint infrastructure for high availability

Module 4: Planning and implementing Business Connectivity Services and Secure Store Service

This module describes how to configure Business Connectivity Services (BCS), and how to configure and manage the Secure Store Service application.

Lessons

- Planning and configuring BCS
- Configuring the Secure Store Service
- Managing BCS models

Module 5: Configuring productivity services for a SharePoint 2016 deployment

This module introduces SharePoint Add-in architecture. This module also describes how to provision and manage SharePoint apps and App Catalogs.

Lessons

- Understanding the SharePoint Add-in architecture
- Provisioning and managing apps and App Catalogs
- Provisioning productivity services

Module 6: Managing solutions in Microsoft SharePoint 2016

This module introduces the purpose and structure of SharePoint 2016 features and solutions. In addition, it describes how to manage sandboxed solutions in Microsoft SharePoint 2016.

Lessons

- Managing sandboxed solutions
- Understanding the SharePoint 2016 solution architecture

Module 7: Connecting people

This module describes how to manage user profiles and how to plan and configure My Site and social features. It describes how to configure community sites.

Lessons

- Managing user profiles
- Building communities
- Enabling social interaction

Module 8: Planning and Configuring web content management

This module describes how to plan and configure a web content management infrastructure to meet business requirements.

Lessons

- Configuring managed navigation and catalog sites
- Planning and implementing a web content management infrastructure
- Enabling design and customization
- Supporting mobile users
- Supporting multiple languages and locales

Module 9: Planning and Configuring Enterprise Content Management

This module describes how to plan for management of content and documents, and how to plan for and configure eDiscovery.

Lessons

- Planning Enterprise Content Management
- Planning records management
- Planning and configuring eDiscovery

Module 10: Planning and Configuring business intelligence solutions

This module describes how to plan business intelligence (BI) architecture for SharePoint 2016, and how to deploy and manage BI services.

- **Lessons**
- Planning and configuring advanced analysis tools
- Planning BI architecture
- Planning, deploying, and managing BI services

Module 11: Planning and Configuring productivity and collaboration

This module describes how to plan and configure productivity and collaboration features.

Lessons

- Planning and configuring collaboration features
- Planning and configuring composites

Module 12: Upgrading and Migrating to SharePoint 2016

This module describes how to prepare for upgrade or migration to SharePoint 2016.

Lessons

- Preparing for an upgrade or migration
- Upgrade to SharePoint 2016
- Planning and managing a site collection upgrade

Who Should Attend

20339-2A training course is intended for IT professionals who are keen to learn how to install, configure, manage, and deploy SharePoint 2016 installations either in a data center or in the cloud.

The candidate should possess the minimal qualifications typically:

- Affinity with SharePoint workloads.
- Working knowledge of, and hands-on experience with SharePoint Online.
- Experience working with authentication and security technologies.
- Experience working with business continuity management, including data backup, restoration, and high availability.
- Experience working with Windows PowerShell.

Pre Requisite

Before taking this course, participants must have knowledge of:

- Administering IIS.
- Deploying and managing applications natively, virtually, and in the cloud.
- Managing databases and server roles in SQL Server.
- Configuring AD DS for use in authentication, authorization, and as a user store.
- Software management in a Windows Server 2012 or Windows Server 2012 server environment.

Exams

Advanced Technologies of SharePoint 2016 [70-339]

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