

(20339-2A) – Advanced Technologies of SharePoint 2016

OBJECTIVE

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. This is the second in a sequence of two courses for IT Professionals and is aligned with the SharePoint 2016 IT Pro certification.

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

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 and Secure Store Service

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

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

PREREQUISITES

Before attending this course, students must demonstrate the following 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.
- 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.

TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

COURSE DURATION

24 Hours (in 3 days)

Time: 9:00am to 6:00pm

Lunch Time: 1:00pm to 2:00pm

CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course