OD20339-2A: Advanced Technologies of SharePoint 2016 MOD

Course Details

Course 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
   - Lab : Reviewing the core Microsoft SharePoint 2016 concepts
   - Configuring SharePoint 2016 farms
   - Creating and configuring site collections and sites
   - Provisioning service applications by using the SharePoint 2016 Management Shell

2. **Introduction to hybrid scenarios for SharePoint 2016**
   - Exploring the hybrid features in SharePoint 2016
   - Preparing for a hybrid SharePoint 2016 deployment
   - Lab : Configuring an Office 365 tenant
   - Creating an Office 365 tenant
   - Lab : Creating hybrid team sites
   - Preparing the SharePoint environment
   - Running the SharePoint Hybrid picker

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
   - Lab : Planning and performing backup and restore
   - Create a backup and restore plan
   - Test the backup and restore process

4. **Planning and implementing Business Connectivity Services and Secure Store Service**
   - Planning and configuring BCS
   - Configuring the Secure Store Service
   - Managing BCS models

- Lab : Configuring BCS and the Secure Store Service

- Configuring the BDC Service Application

- Configuring the Secure Store Service

- Lab : Managing BDC models

- Configuring a Secure Store Service target application

- Importing and configuring BDC models

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

- Lab : Configuring and managing SharePoint Add-ins

- Configuring a SharePoint farm to support apps

- Creating and configuring a corporate App Catalog

- Deploying and monitoring apps

6. **Managing solutions in Microsoft SharePoint 2016**

- Understanding the SharePoint 2016 solution architecture

- Managing sandboxed solutions

- Lab : Managing solutions

- Configuring a SharePoint farm to support sandboxed solutions

- Configuring a SharePoint site to support sandboxed solutions

- Deploying farm solutions

7. **Connecting people**

- Managing user profiles

- Enabling social interaction

- Building communities

- Lab : Configuring profile synchronization and My Sites

- Configuring profile synchronization

- Configuring My Sites

- Lab : Configuring community sites

- Creating a community site infrastructure

- Configuring Community Site participation

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
- Lab : Configuring managed navigation and catalog sites
- Configuring a product catalog site
- Configuring Cross-Site Publishing
- Configuring publishing sites
- Lab : Configuring device channels
- Configuring device channels

9. **Planning and configuring Enterprise Content Management**

- Planning Enterprise Content Management
- Planning and configuring eDiscovery
- Planning records management
- Lab : Configuring eDiscovery in SharePoint 2016
- Creating and configuring an eDiscovery Center
- Discovering and preserving content
- Querying and exporting content
- Lab : Configuring records management in SharePoint Server 2016
- Configuring in-place records management

10. **Planning and configuring business intelligence solutions**

- Planning BI architecture
- Planning, deploying, and managing BI services
- Planning and configuring advanced analysis tools
- Lab : Installing Office Online Server
- Deploy Office Online Server
- Lab : Configuring PowerPivot and Power View for SharePoint 2016
- Configuring PowerPivot for SharePoint 2016
- Configuring Power View for SharePoint

11. Planning and configuring productivity and collaboration

- Planning and configuring collaboration features
- Planning and configuring composites
- Lab : Configuring and working with project sites
- Creating an Office Online Server farm and configuring integration in SharePoint 2016
- Creating project sites
- Configuring project sites
- Engaging project teams
- Configuring Project Server integration
- Lab : Configuring a workflow
- Configuring Microsoft Azure Workflow and Microsoft SharePoint Workflow Services
- Creating and testing a workflow

12. Upgrading and migrating to SharePoint 2016

- Preparing for an upgrade or migration
- Upgrade to SharePoint 2016
- Planning and managing a site-collection upgrade
- Lab : Performing a content database migration and upgrade from Microsoft SharePoint Server 2013
- Migrating SharePoint Server 2013 Managed Metadata Service
- Upgrading a SharePoint Server 2013 content database
- Lab : Managing site-collection upgrades
- Preparing site collections for upgrade
- Upgrading site collections