



Course 20339-1A

Planning and Administering SharePoint 2016

Course Length : 40 Hours
Professional Series : 5 Days
Academic Series : 6 Weeks

Module 1: Getting Started with Microsoft Azure

- What is cloud computing?
- What is Azure?
- Managing Azure
- Subscription management, support, and billing

Module 1: Introducing SharePoint 2016

- Key components of a SharePoint deployment
- New features in SharePoint 2016
- SharePoint 2016 deployment options

Module 2: Designing an information architecture

- Identifying business requirements
- Understanding business requirements
- Organizing information in SharePoint 2016
- Planning for discoverability

Module 3: Designing a logical architecture

- Overview of the SharePoint 2016 logical architecture
- Documenting your logical architecture

Module 4: Designing a physical architecture

- Designing physical components for SharePoint deployments
- Designing supporting components for SharePoint deployments
- SharePoint farm topologies
- Mapping a logical architecture design to a physical architecture design

Module 5: Installing and configuring SharePoint 2016

- Installing SharePoint 2016
- Scripting installation and configuration of SharePoint
- Configuring SharePoint 2016 farm settings

Module 6: Creating web applications and site collections

- Creating web applications
- Configuring web applications
- Creating and configuring site collections

Module 7: Planning and configuring service applications

- Introduction to the service application architecture
- Creating and configuring service applications

Module 8: Managing users and permissions, and securing content

- Configuring authorization in SharePoint 2016
- Managing access to content

Module 9: Configuring authentication for SharePoint 2016

- Overview of authentication
- Configuring federated authentication
- Configuring server-to-server authentication

Module 10: Securing a SharePoint 2016 deployment

- Securing the platform
- Configuring farm-level security

Module 11: Managing taxonomy

- Managing content types
- Understanding managed metadata
- Configuring the managed metadata service

Module 12: Configuring user profiles

- Configuring the User Profile Service Application
- Managing user profiles and audiences

Module 13: Configuring Enterprise Search

- Understanding the Search Service Application architecture
- Configuring Enterprise Search
- Managing Enterprise Search

Module 14: Monitoring and maintaining a SharePoint 2016 environment

- Monitoring a SharePoint 2016 environment
- Tuning and optimizing a SharePoint 2016 environment
- Planning and configuring caching
- Troubleshooting a SharePoint 2016 environment