

Microsoft - Deploying SharePoint Server Hybrid (MS-301)

Code:	MS-301
Length:	6 days
URL:	View Online

SharePoint Server 2019 is designed to meet the demands of modern workstyles. It provides the new modern experiences for users, that are both intuitive and familiar in SharePoint Online. Learn how to deploy and configure the SharePoint Server 2019. We will discuss how to plan and configure SharePoint on premise authentication and security to protect the environment. We will discuss how to manage SharePoint content to align with modern information architecture, how to plan, configure, and manage service applications in SharePoint 2019, such as Managed Metadata, Business Connectivity Services, and enterprise search.

You will also learn how to plan and implement SharePoint hybrid scenarios which provide seamless users experience. We will also further discuss SharePoint hybrid search which gives users easy access to the files they need. And at last, you will learn how to plan the content migration process as well as available resources and tools to use while migrating content to SharePoint Online and OneDrive for Business. Specifically how to use SharePoint Migration Assessment Tool (SMAT) and SharePoint Migration Tool (SPMT) with different migration scenarios.

Skills Gained

- Describe the MinRole feature in SharePoint 2019
- Describe how to install and configure SharePoint 2019.
- Describe how to implement high availability for SharePoint
- Describe the authentication infrastructure in SharePoint 2019.
- Explain the concepts behind federated identity.
- Describe how to create site collections.
- Describe how to plan for authorization in SharePoint 2019.
- Provision a BDC Service Application instance.
- Configure the Secure Store Service application.
- Describe how to configure My Sites in SharePoint 2019.
- Describe how to configure the User Profile Service Application.
- Describe how to plan SharePoint Active Directory import and synchronization.
- Explain how to create and publish a content type across site collections.
- Identify the capabilities of the managed metadata service.
- Configure term sets and terms for managed navigation.
- Describe the function of search components.
- Explain how to plan and configure a search topology.
- Describe how to configure search center.
- Describe the available SharePoint Hybrid Scenarios.
- Describe the requirements for SharePoint hybrid configuration.

- Plan for SharePoint Server hybrid.
- Configure SharePoint hybrid scenarios.
- Configure on-premises data gateway.
- Describe difference between cloud hybrid search and hybrid federated search.
- Evaluate different types of hybrid search.
- Configure cloud hybrid search.
- Configure hybrid search results.
- Plan for content migration process.
- Describe available resources and tools to leverage during migration process.
- Access data to be migrated using SharePoint Migration Assessment Tool (SMAT).
- Migrate content to the cloud using SharePoint Migration Tool (SPMT).
- Manage and monitor migration process.

Who Can Benefit

This course is for the Microsoft 365 teamwork administrator role. The role is responsible for configuring, deploying, and managing Office 365 and Azure workloads that focus on efficient and effective collaboration and adoption. They manage apps, services, and supporting infrastructure to meet business requirements. The administrator is aware of and can differentiate between products and services but may not directly manage each product or service.

The Teamwork administrator must be able to deploy, manage, migrate, and secure SharePoint (online, on-premises, and hybrid), OneDrive, and Teams.

The Teamwork administrator has a fundamental understanding of integration points with the following apps and services: Office, PowerApps, Flow, Yammer, Microsoft Graph, Stream, Planner, and Project. The administrator understands how to integrate third-party apps and services including line-of-business applications.

Prerequisites

- Experience with Windows PowerShell.
- Basic understanding of SQL Server management.
- Basic understanding of networking, including DNS.
- Working knowledge of windows server administration.
- Basic understanding of Active Directory and Azure AD.
- Basic understanding of mobile device management, and alternative operating systems (Android and macOS).

Course Details

Implementing SharePoint 2019 Infrastructure – MS-301T01

- Module 1: SharePoint Infrastructure
- Module 2: SharePoint Authentication and Security
- Module 3: SharePoint Content Management

Implementing SharePoint 2019 Service Application – MS-301T02

- Module 1: SharePoint Service Applications
- Module 2: Plan and configure Managed Metadata
- Module 3: Plan and Configure Search

Implementing SharePoint Hybrid Scenarios – MS-301T03

- Module 1: Overview of SharePoint Hybrid Scenarios
- Module 2: Implement SharePoint Hybrid Scenarios
- Module 3: Implement SharePoint Hybrid search

Migrating to SharePoint Online – MS-301T04

- Module 1: Introduction of Migration
 - Module 2: Migrating to SharePoint Online
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