



## Microsoft 365

### MS-301: Deploying SharePoint Server Hybrid

\$2,995.00

- 5 Days

## Upcoming Dates

## Course Description

### Day 1-2: Implementing SharePoint 2019 Infrastructure (MS-301T01-A)

#### About this course

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. In this course you will learn how to deploy and configure the SharePoint Server 2019. We will also discuss how to plan and configure SharePoint on premise authentication and security to protect the environment. You will also learn how to manage SharePoint content to align with modern information architecture.

This course is designed for IT Professionals who deploy and manage the teamwork infrastructure in their organization.

This is the first in a series of four courses for the Teamwork administrator. These courses help prepare for the exam MS-301: Deploying SharePoint Server Hybrid.

### Day 3: Implementing SharePoint 2019 Service Applications (MS-301T02-A)

#### About this course

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. In this course you will learn how to plan, configure, and manage service applications in SharePoint 2019, such as Managed Metadata, Business Connectivity Services, and enterprise search.

This course is designed for IT Professionals who deploy and manage the teamwork infrastructure in their organization.

This is the second in a series of four courses for the Teamwork administrator. These courses help prepare for the exam MS-301: Deploying SharePoint Server Hybrid.

### Day 4: Implementing SharePoint Hybrid Scenarios (MS-301T03-A)

#### About this course

The business climate has changed. People want to communicate without collaborative barriers. Businesses want solutions that are both cost-effective and flexible. A hybrid environment enables enterprise users to be connected from almost anywhere to the resources and content they need. In this course you will 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.

This course is designed for IT Professionals who deploy and manage the teamwork infrastructure in their organization.

This is the third in a series of four courses for the Teamwork administrator. These courses help prepare for the exam MS-301: Deploying SharePoint Server Hybrid.

## Day 5: Migrating to SharePoint Online (MS-301T04-A)

### About this course

The business climate has changed. People want to communicate without collaborative barriers. Businesses start to consider migrating content to the cloud as the solution that are cost-effective and enable users to be connected from almost anywhere to the resources and content they need. In this course 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, this course covers how to use SharePoint Migration Assessment Tool (SMAT) and SharePoint Migration Tool (SPMT) with different migration scenarios.

This course is designed for IT Professionals who deploy and manage the teamwork infrastructure in their organization.

This is the last in a series of four courses for the Teamwork administrator. These courses help prepare for the exam MS-301: Deploying SharePoint Server Hybrid.

## Course Outline

### Day 1-2: Implementing SharePoint 2019 Infrastructure (MS-301T01-A)

#### Course Outline

##### Module 1: SharePoint Infrastructure

This module is about fundamental SharePoint Infrastructure. It describes the components in SharePoint farm. It also discusses how to install and configure SharePoint farm.

##### Lessons

- Plan a SharePoint Farm
- SharePoint 2019
- Install and Manage SharePoint Farm

After completing this module, students will be able to:

- Describe the MinRole feature in SharePoint 2019
- Describe how to install and configure SharePoint 2019.
- Describe how to implement high availability for SharePoint
- Plan farm backups and restore.

##### Module 2: SharePoint Authentication and Security

This module is about SharePoint Authentication and Security. It introduces different authentication methods in SharePoint 2019.

##### Lessons

- Plan Authentication
- Configure Federated Authentication

After completing this module, students will be able to:

- Describe the authentication infrastructure in SharePoint 2019.
- Describe NTLM and Kerberos authentication.
- Describe server-to-server authentication.
- Explain the concepts behind federated identity.

##### Module 3: SharePoint Content Management

This module is about SharePoint Content Management. It discusses the content structure in SharePoint. It also provides details on authorization and content access in SharePoint.

##### Lessons

- SharePoint Content Structure Overview
- Manage Access to Content
- Manage Site Collections

After completing this module, students will be able to:

- Explain the site collection concepts.
- Describe how to create site collections.
- Describe how to plan for authorization in SharePoint 2019.
- Describe how to manage permissions levels in SharePoint 2019.
- Describe how to manage SharePoint groups in SharePoint 2019.

#### **Module 4: Course Conclusion**

##### **Lab : Creating and configuring web applications**

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## Day 3: Implementing SharePoint 2019 Service Applications (MS-301T02-A)

### Course Outline

#### Module 1: SharePoint Service Applications

This module is all about SharePoint service applications and workflow. It describes how to provision and manage a BCS service application and User Profile service application. Specifically, we discuss how to import and export BDC models as well as how to import user properties to SharePoint.

##### Lessons

- SharePoint Service Applications and workflow
- Plan and Configure Business Connectivity Services (BCS) and Secure Store
- Plan and Configure User Profiles

After completing this module, students will be able to:

- Explain the key components of a BDC model.
- Describe the high-level architecture of BCS.
- Provision a BDC Service Application instance.
- Configure the Secure Store Service application.
- Explain the purpose of the Secure Store Service.
- Manage permissions for a BDC Service Application instance.
- Describe how to configure user profile properties.
- Describe how to manage audiences in SharePoint 2019.
- 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.

#### Module 2: Plan and configure Managed Metadata

This module is about the integral functionalities, such as the Managed Metadata Service, content types, and term sets, that allow you to create and disseminate an information architecture. It introduces the purpose of content types as well as the concepts behind the managed metadata service, including taxonomies, term sets, and enterprise keywords.

##### Lessons

- Manage Content Types
- Managed Metadata
- Configure the Managed Metadata Service

After completing this module, students will be able to:

- Explain the function and use of content types.
- Describe the functions of the Managed Metadata Service.
- Explain how to create and publish a content type across site collections.
- Identify the capabilities of the managed metadata service.
- Create and manage term groups, term sets, and terms
- Configure term sets and terms for managed navigation.

#### Module 3: Plan and Configure Search

This module is about enterprise search service application. It provides details on planning and configuring content sources, crawl schedules, and crawl rules. It also discusses how to provision search management of a range of search components, such as Query Rules, Result Types and Display Templates.

##### Lessons

- Plan enterprise search
- Configure enterprise search
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