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MS-301: Deploying SharePoint Server Hybrid

CODE:	LENGTH:	PRICE:
MCS_MS301	40 Hours (5 days)	kr36,000.00

Description

Course MS-301T01-A: Implementing SharePoint 2019 Infrastructure
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.

Course MS-301T02-A: Implementing SharePoint 2019 Service Applications
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.

Objectives

Course MS-301T01-A: Implementing SharePoint 2019 Infrastructure
After completing this course, 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
•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.
Course MS-301T02-A: Implementing SharePoint 2019 Service Applications
After completing this course, students will be able to:
•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.

Audience

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

Learners should start this course already having the following skills:
•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).

Programme

Course MS-301T01-A: Implementing SharePoint 2019 Infrastructure

Module 1: SharePoint Infrastructure
This module is about foundamental SharePoint Infrastructure. It describes the components in SharePoint farm. It also discusses how to install and configure SharePoint farm.

After completing this module, students will be able to:

Lessons •Describe the MinRole feature in SharePoint 2019
•Plan a SharePoint Farm •Describe how to install and configure SharePoint 2019.
•SharePoint 2019 •Describe how to implement high availability for SharePoint
•Install and Manage SharePoint Farm •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.

After completing this module, students will be able to:
•Describe the authentication infrastructure in SharePoint 2019.
Lessons •Describe NTLM and Kerberos authentication.
•Plan Authentication •Describe server-to-server authentication.
•Configure Federated 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.

After completing this module, students will be able to:
•Explain the site collection concepts.
Lessons •Describe how to create site collections.
•SharePoint Content Structure Overview •Describe how to plan for authorization in SharePoint 2019.
•Manage Access to Content •Describe how to manage permissions levels in SharePoint 2019.
•Manage Site Collections •Describe how to manage SharePoint groups in SharePoint 2019.

Module 4: Course Conclusion Lab : Creating and configuring web applications

Course MS-301T02-A: Implementing SharePoint 2019 Service Applications

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 enterprose 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
•Manage enterprise search   After completing this module, students will be able to:
•Describe the function of search components.
•Explain how to plan and configure a search topology.
•Describe how to plan and configure content sources.
•Describe how to plan and configure crawl schedules.
•Describe how to plan and configure crawl rules.
•Describe how to manage the search schema.
•Describe how to configure search center.
•Explain the use and deployment of query rules.
•Explain the use and deployment of result source.   Module 4: Course Conclusion Lab : Configuring Enterprise Search

Test and Certification

Microsoft 365 Teamwork Administrator

Session Dates

På begäran, kontakta oss

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.