

SharePoint Server 2019 Deployment and Administration

The courses in this path take you through all you need to know to get up and running with SharePoint 2019 administration. You'll begin with implementing and managing your own SharePoint 2019 farm. You'll continue through the various administrative tasks you'll need before learning about hybrid SharePoint 2019 deployments and migrating to SharePoint Online. By the end of this path, you'll be confident in your abilities as a SharePoint administrator.

Required Prerequisites

- A solid understanding of Windows Server 2016/2019 administration and Active Directory.
- Experience with SQL Server administration, particularly in a SharePoint context.
- Familiarity with networking concepts, DNS, and load balancing.
- Basic experience with previous versions of SharePoint (e.g., SharePoint 2013/2016), including site collection management and content structures.
- An understanding of PowerShell scripting for administrative tasks.
- Optional but beneficial: foundational knowledge of Office 365 and hybrid cloud environments.

Table of contents

Module 1: Planning for and Implementing a SharePoint 2019 Farm

- Understanding the MinRole Feature in SharePoint Server 2019
- Architecting a SharePoint Server 2019 Farm
- Installing SharePoint Server 2019
- Implementing High Availability for SharePoint Server 2019
- Implementing Disaster Recovery for SharePoint Server 2019
- Configuring SharePoint Server 2019 Backup and Restore

Module 2: Managing and Maintaining a SharePoint 2019 Farm

- Patching and Updating a SharePoint 2019 Server Farm
- Performing Advanced Upgrades and Patching
- Configuring User Profile Synchronization
- Deploying Services, Applications, and Workflows within SharePoint 2019
- Managing Storage within a SharePoint Farm
- Monitoring a SharePoint Farm

Module 3: Implementing Authentication in SharePoint 2019

- Understanding SharePoint Authentication Options
- Utilizing Server-to-server and OAuth Authentication
- Implementing Common Authentication
- Configuring Federated Authentication for SharePoint
- Implementing Azure Active Directory Authentication for On-premises SharePoint
- Monitoring and Maintaining SharePoint Authentication

Module 4: Managing Site Collections in SharePoint 2019

- Planning Sites and Site Collections
- Managing Sites and Site Collections
- Structuring Information and Metadata
- Managing Site Design and Branding

Module 5: Planning and Configuring Business Connectivity Services in SharePoint 2019

- Business Connectivity Services Overview
- Configuring BDC Models
- Working with BCS on SharePoint

Module 6: Planning and Configuring Managed Metadata in SharePoint 2019

- Planning and Creating the Term Store Structure
- Planning Taxonomy and Folksonomy
- Configuring Term Store Security

- Maintaining the Managed Metadata Service
- Planning and Configuring Connections to External Data Stores

Module 7: Managing Search in SharePoint 2019

- Understanding How SharePoint Search Works
- Configuring SharePoint Search Topologies
- Managing Search Crawls and Queries
- Configuring and Managing the Search Schema
- Using Search Result Sources and Result Types
- Troubleshooting SharePoint Search

Module 8: Planning and Implementing a Hybrid SharePoint 2019 Deployment

- Planning a Hybrid Environment
- Planning and Implementing Hybrid Teamwork Artifacts
- Planning and Implementing a Hybrid Search Service
- Planning and Implementing a Data Gateway

Module 9: Migrating to Office 365 SharePoint Online

- Analyzing Your Current SharePoint Farm
- Migrating to SharePoint Online Using Microsoft Tools
- Migrating to SharePoint Online Using 3rd Party Tools