

Exam MS-301: Deploying SharePoint Server Hybrid – Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Configure and manage SharePoint on-premises (55-60%)

Plan a SharePoint farm

- select and configure a farm topology
- design for high availability
- plan for disaster recovery
- plan and configure backup and restore
- plan for Information Rights Management
- plan localization and language packs
- plan and configure content farms
- plan integration with Office 365 workloads
- plan and configure the OneDrive sync client
- plan and configure a high performance farm

Manage and maintain a SharePoint farm

- configure and maintain core infrastructure to support a SharePoint deployment
- deploy and configure service and web applications
- plan and configure user profiles
- extend user profiles
- monitor farm Health Analyzer reports and resolve issues
- monitor storage usage for SharePoint
- update SharePoint Server and validate the installation
- manage SharePoint workflows
- plan, configure and troubleshoot the workflow manager
- configure a content type hub
- troubleshoot performance issues
- select an upgrade path for version to version upgrades in on-premises SharePoint deployments
- plan and configure OneDrive/MySite access
- configure SMTP authentication for a SharePoint farm

Implement authentication

- select and implement an authentication method
- configure authentication for internal and external users
- configure Web apps with multiple authentication
- monitor and maintain authentication
- troubleshoot authentication issues

Manage site collections

- plan and configure the site collection architecture
- plan for Fast Search site creation
- plan and configure a Modern Team and Communication Sites
- plan and configure modern lists and libraries
- plan and configure a modern search experience
- plan and configure self-service site collections
- plan and configure site policies
- create, update, and remove content types
- reorganize sites based on changes in business needs
- deploy customizations
- activate or deactivate site collection features

Plan and configure Business Connectivity Services (BCS) and Secure Store

- create BCS data sources and configure BCS permissions
- create external content types
- plan and configure connections to external data stores
- configure Secure Store target applications
- configure external lists
- plan and configure search for BCS applications

Plan and configure managed metadata

- plan and configure Manage Metadata Service (MMS) applications
- plan and configure MMS features
- plan taxonomy and folksonomy
- plan and create the term store structure
- plan and configure term store security
- maintain the term store
- plan and configure term store languages

Manage search

- configure and manage the search schema
- configure search farms
- configure and manage search queries
- configure and manage search crawls
- configure and manage the search topology
- configure and manage the search result type
- troubleshoot search crawl and query performance issues
- configure Content Search Web Part and Display Templates

Configure and manage hybrid scenarios (30-35%)

Plan a hybrid configuration and topology

- evaluate available hybrid scenarios
- identify core services interdependencies and prerequisites for hybrid deployments
- determine which workloads will remain on-premises, which will migrate, and how they will connect
- configure a hybrid SharePoint Farm
- configure SharePoint Hybrid Picker
- plan hybrid best practices

Implement hybrid teamwork artifacts

- plan, configure, and monitor hybrid SharePoint taxonomies and hybrid content types
- plan and configure hybrid OneDrive for Business
- plan and configure hybrid sites
- plan and configure hybrid auditing
- plan and configure hybrid B2B sites
- plan for and add custom tiles to the hybrid app launcher
- configure document rendering for Web Apps
- troubleshoot hybrid configuration issues

Implement a hybrid search service application

- evaluate available hybrid search scenarios
- plan the implementation for hybrid search
- configure the hybrid search service application
- transition to a hybrid search service application
- manage the hybrid search service application
- troubleshoot and reset the cloud search service application

Implement a data gateway

- plan the implementation of on-premises data gateway
- install and configure an on-premises data gateway
- manage an on-premises data gateway

Migrate to SharePoint Online (5-10%)

Migrate data and content

- scan SharePoint content for migration issues
- identify and resolve blocking issues that prevent migration
- determine course of action for data and identity content that cannot be migrated
- prepare data for migration
- plan and configure automated SharePoint migration
- recommend tools and strategies to migrate data