

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

The content of this exam was updated on November 18, 2019. Please continue scrolling to the red line section below to view the changes.

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

See below changes as of November 18, 2019

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