

M20339-1

Plánování a administrace SharePoint Server 2016

Popis:

Obsah kurzu je součástí školení MSHP-ADM: [Plánování a administrace SharePoint Serveru](#).

Absolvent kurzu bude umět:

- Navrhnout topologii SharePoint
- Navrhnout zabezpečení
- Instalovat a konfigurovat SharePoint farmu
- Tvořit a konfigurovat webové aplikace a site kolekce
- Spravovat a udržovat prostředí SharePoint

Požadavky pro absolvování kurzu:

- Zkušenosti s Windows Server 2012/2016, IIS
- Zkušenosti s autentizačními a bezpečnostními technologiemi
- Zkušenosti s jazykem Windows PowerShell

Kurz určen pro:

- IT administrátory a vývojáře

Literatura:

Všichni účastníci školení obdrží originál studijních certifikovaných materiálů Microsoft.

Technické vybavení:

Prostorné učebny jsou vybaveny nadstandardními počítači s možností přístupu na Internet, včetně bezdrátového přístupu.

Osnova:

Modul 1: Introducing SharePoint 2016

- Kapitola: The key components of a SharePoint deployment
- Kapitola: New features in SharePoint 2016
- Kapitola: SharePoint 2016 deployment options

Modul 2: Designing an information architecture

- Kapitola: Identifying business requirements
- Kapitola: Understanding business requirements for information architectureOrganizing information in SharePoint 2016
- Kapitola: Planning for discoverability
- Cvičení: Designing an information architecture - Part one
- Kapitola: Identifying site columns, content types, and term sets
- Cvičení: Creating an information architecture - Part two
- Kapitola: Designing keywords, synonyms, promoted results, thesaurus, and managed properties
- Kapitola: Designing a taxonomy

Modul 3: Designing a logical architecture

- Kapitola: Overview of a SharePoint 2016 logical architecture
- Kapitola: Documenting your logical architecture
- Cvičení: Designing a logical architecture
- Kapitola: Planning a logical architecture
- Kapitola: Producing a logical architecture diagram

Modul 4: Designing a physical architecture

- Kapitola: Designing the physical requirements of a SharePoint deployment
- Kapitola: Designing supporting software for the physical components of a SharePoint deployment
- Kapitola: SharePoint farm topologies
- Kapitola: Mapping a logical architecture design to a physical architecture design
- Cvičení: Designing a physical architectureDesigning a physical architecture
- Kapitola: Developing a physical architecture design diagram

Modul 5: Installing and configuring SharePoint 2016

- Kapitola: Installing SharePoint 2016
- Kapitola: Scripting the installation and configuring a SharePoint 2016 environment
- Kapitola: Configuring SharePoint 2016 farm settings
- Cvičení: Provisioning SharePoint 2016
- Provisioning a SharePoint 2016 server farm
- Cvičení: Configuring SharePoint 2016
- Kapitola: Configuring incoming email
- Kapitola: Configuring outgoing email
- Kapitola: Configuring integration with Microsoft Office Web Apps Server 2016

Modul 6: Creating web applications and site collections

- Kapitola: Creating web applications
- Kapitola: Configuring web applications

- Kapitola: Creating and configuring site collections
- Cvičení: Creating and configuring web applications
- Kapitola: Creating a web application
- Kapitola: Configuring a web application
- Cvičení: Creating and configuring site collections
- Kapitola: Creating and configuring site collections
- Kapitola: Creating a site collection in a new content database
- Kapitola: Using Fast Site Collection Creation

Modul 7: Planning and configuring service applications

- Kapitola: Introduction to the service application architecture
- Kapitola: Creating and configuring service applications
- Cvičení: Configuring services and service applications
- Kapitola: Provisioning a managed metadata service application with Central Administration
- Kapitola: Provisioning a managed metadata service application with Windows PowerShell
- Kapitola: Configuring service applications for document conversions
- Kapitola: Configuring service application proxy groups

Modul 8: Managing users, permissions, and securing content

- Kapitola: Configuring authorization in SharePoint 2016
- Kapitola: Managing access to content
- Cvičení: Managing users and groups
- Kapitola: Creating a web application policy
- Kapitola: Creating and managing SharePoint groups
- Kapitola: Creating custom permission levels
- Cvičení: Securing content in SharePoint 2016
- Kapitola: Managing permissions and inheritance
- Kapitola: Managing site collection securityEnabling anonymous access to a site

Modul 9: Configuring authentication for SharePoint 2016

- Kapitola: Overview of authentication
- Kapitola: Configuring federated authentication
- Kapitola: Configuring server-to-server authentication
- Cvičení: Configuring SharePoint 2016 to use federated identities
- Kapitola: Configuring Active Directory Federation Services (AD FS) to make a web application a relying party
- Kapitola: Configuring SharePoint to trust AD FS as an identity provider
- Kapitola: Configuring a web application to use the AD FS identity provider

Modul 10: Securing a SharePoint 2016 deployment

- Kapitola: Securing the platform
- Kapitola: Configuring farm-level security
- Cvičení: Configuring SharePoint 2016 communication securityConfiguring SharePoint and Microsoft SQL Server to communicate over nonstandard ports
- Kapitola: Hardening a SharePoint server farm
- Cvičení: Configuring farm-level security
- Kapitola: Configuring blocked file types
- Kapitola: Configuring web part security

- Kapitola: Implementing security auditing

Modul 11: Managing taxonomy

- Kapitola: Managing content types
- Kapitola: Understanding managed metadata
- Kapitola: Configuring the managed metadata service
- Cvičení: Configuring content-type propagation
- Kapitola: Creating content types for propagation
- Kapitola: Publishing content types across site collections
- Cvičení: Configuring and using the managed metadata service
- Kapitola: Configuring the managed metadata service
- Kapitola: Creating term sets and terms
- Kapitola: Consuming term sets

Modul 12: Configuring user profiles

- Kapitola: Configuring the User Profile service application
- Kapitola: Managing user profiles and audiences
- Cvičení: Configuring user profiles
- Kapitola: Configuring the User Profile service application
- Kapitola: Configuring directory import and synchronization
- Cvičení: Configuring and managing user profiles
- Kapitola: Provisioning My Sites
- Kapitola: Configuring audiences

Modul 13: Configuring Enterprise Search

- Kapitola: Understanding the Search service architecture
- Kapitola: Configuring the Search service
- Kapitola: Managing Enterprise Search
- Cvičení: Configuring Enterprise Search
- Kapitola: Configuring the Search service applicationConfiguring a file share content source
- Kapitola: Configuring a local SharePoint content source
- Kapitola: Creating a Search Center
- Cvičení: Optimizing the search experience
- Kapitola: Configuring a result source and a query rule
- Kapitola: Customizing the search experience
- Kapitola: Creating and deploying a thesaurus
- Kapitola: Configuring entity extractors and refiners
- Kapitola: Managing query spelling correction

Modul 14: Monitoring and maintaining a SharePoint 2016 environment

- Kapitola: Monitoring a SharePoint environment
- Kapitola: Tuning and optimizing a SharePoint environment
- Kapitola: Planning and configuring caching
- Kapitola: Troubleshooting a SharePoint environment
- Cvičení: Monitoring a SharePoint 2016 deployment
- Kapitola: Configuring usage and health data
- Kapitola: Configuring diagnostic logging
- Kapitola: Configuring health analyzer rules

- Kapitola: Reviewing usage and health data
- Cvičení: Investigating page load times
- Kapitola: Analyzing network traffic
- Kapitola: Analyzing SharePoint page performance