# MSP3-6 - MOC 20339-2 - ADVANCED TECHNOLOGIES OF SHAREPOINT 2016

Categoria: **SharePoint 2016**

## INFORMAZIONI SUL CORSO

| Durata: | Categoria: | Qualifica Istruttore: | Dedicato a: | Produttore: |
|---|---|---|---|---|
| 5 Giorni | SharePoint 2016 | Microsoft Certified Trainer | Professionista IT | Microsoft |

## OBIETTIVI

Descrivere il nucleo dell'architettura di SharePoint 2016 e le sue nuove e migliorate funzionalità.
Descrivere le caratteristiche ibride chiave in SharePoint 2016.
Pianificare e progettare un ambiente SharePoint 2016 per soddisfare i requisiti per l'alta disponibilità e il disaster recovery.
Pianificare e realizzare servizi di integrazione e servizi di archiviazione sicura.
Configurare e gestire i servizi di produttività per una distribuzione SharePoint 2016.
Gestire soluzioni in una distribuzione SharePoint 2016.
Pianificare e configurare le funzionalità di social computing.
Pianificare e configurare la gestione dei contenuti web per un ambiente con accesso a Internet.
Pianificare e configurare Enterprise Content Management in una distribuzione SharePoint 2016.
Pianificare e configurare le soluzioni di business intelligence.
Pianificare e configurare la gestione del lavoro, la produttività e le piattaforme di collaborazione.

## PREREQUISITI

Almeno un'esperienza di un anno nella mappatura dei requisiti di business sia in progetti logici che fisico/tecnici.
Conoscenza operativa di progettazione della rete, compresa la sicurezza della rete.
Esperienza di gestione del software in un server R2 Enterprise in ambiente Windows Server 2012 o Windows Server 2016.
Distribuzione e gestione delle applicazioni in modo nativo, virtualmente e nel cloud.
Amministrazione di IIS.
Configurazione di un dominio Active Directory per l'utilizzo in autenticazione e autorizzazione e come store degli utenti.
Gestione di un'applicazione in remoto tramite Windows PowerShell 2.0 o versione successiva.
Collegamento di applicazioni a SQL Server.
Implementazione della sicurezza claims-based.

## CONTENUTI

**Module 1: Introduction to SharePoint 2016**
Core components of the SharePoint 2016 architecture
New, deprecated, and removed features in SharePoint 2016
SharePoint 2016 and SharePoint Online editions

**Lab : Reviewing the core Microsoft SharePoint 2016 concepts**
Configuring SharePoint 2016 farms
Creating and configuring site collections and sites
Provisioning service applications by using the SharePoint 2016 Management Shell
After completing this module, students will be able to:
Describe the architectural features of a Microsoft-SharePoint 2016.
Identify the new, deprecated, and removed features in SharePoint 2016.
Describe the editions for SharePoint 2016 on-premises and Microsoft SharePoint Online.
Module 2: Introduction to hybrid scenarios for SharePoint 2016
Exploring the hybrid features in SharePoint 2016
Preparing for a hybrid SharePoint 2016 deployment

**Lab : Configuring an Office 365 tenant**
Creating an Office 365 tenant

**Lab : Creating hybrid team sites**
Preparing the SharePoint environment
Running the SharePoint Hybrid picker
After completing this module, students will be able to:
Describe the key hybrid features in SharePoint Server 2016.
Prepare for a hybrid SharePoint 2016 deployment
Module 3: Designing business continuity management strategies
Designing database topologies for high availability and disaster recovery
Designing a SharePoint infrastructure for high availability
Planning for disaster recovery

**Lab : Planning and performing backup and restore**
Create a backup and restore plan
Test the backup and restore process
After completing this module, students will be able to:
Select an appropriate database server configuration to meet availability requirements.
Design a physical architecture and infrastructure to meet high-availability requirements.
Develop and implement a backup and restore strategy.

**Module 4: Planning and implementing Business Connectivity Services and Secure Store Service**
Planning and configuring BCS
Configuring the Secure Store Service
Managing BCS models

**Lab : Configuring BCS and the Secure Store Service**
Configuring the BDC Service Application
Configuring the Secure Store Service

**Lab : Managing BDC models**
Configuring a Secure Store Service target application
Importing and configuring BDC models
After completing this module, students will be able to:
Plan and Configure Business Connectivity service application.
Plan and configure  the Secure Store Service application.
Manage the Business Data Connectivity models
Module 5: Configuring productivity services for a SharePoint 2016 deployment
Understanding the SharePoint Add-in architecture

Provisioning and managing apps and App Catalogs
Provisioning productivity services

**Lab : Configuring and managing SharePoint Add-ins**
Configuring a SharePoint farm to support apps
Creating and configuring a corporate App Catalog
Deploying and monitoring apps
Describe Microsoft SharePoint Add-ins and the supporting SharePoint infrastructure.
Provision and configure SharePoint Add-ins and App Catalogs.
Manage how apps are used within a SharePoint 2016 deployment.
Module 6: Managing solutions in Microsoft SharePoint 2016
Understanding the SharePoint 2016 solution architecture
Managing sandboxed solutions

**Lab : Managing solutions**
Configuring a SharePoint farm to support sandboxed solutions
Configuring a SharePoint site to support sandboxed solutions
Deploying farm solutions
After completing this module, students will be able to:
Manage features and solutions in Microsoft SharePoint 2016..
Manage sandboxed solutions in a SharePoint 2016 deployment.
Module 7: Connecting people
Managing user profiles
Enabling social interaction
Building communities

**Lab : Configuring profile synchronization and My Sites**
Configuring profile synchronization
Configuring My Sites

**Lab : Configuring community sites**
Creating a community site infrastructure
Configuring Community Site participation
After completing this module, students will be able to:
Manage user profiles in Microsoft SharePoint 2016 and configure user profile synchronization by using Microsoft Identity Manager (MIM) 2016.
Enable social interaction in SharePoint 2016.Enable social interaction in SharePoint 2016
Build communities and community sites in SharePoint 2016.

**Module 8: Planning and configuring web content management**
Planning and implementing a web content management infrastructure
Configuring managed navigation and catalog sites
Supporting multiple languages and locales
Enabling design and customization
Supporting mobile users

**Lab : Configuring managed navigation and catalog sites**
Configuring a product catalog site
Configuring Cross-Site Publishing
Configuring publishing sites

**Lab : Configuring device channels**
Configuring device channels

After completing this module, students will be able to:
Plan and configure a web content management infrastructure.
Configure managed navigation and product catalog sites.
Plan and Configure support for multilingual sites and locales.
Manage design and customization for publishing sites
Plan and configure support for mobile users.

**Module 9: Planning and configuring Enterprise Content Management**
Planning Enterprise Content Management
Planning and configuring eDiscovery
Planning records management

**Lab : Configuring eDiscovery in SharePoint 2016**
Creating and configuring an eDiscovery Center
Discovering and preserving content
Querying and exporting content

**Lab : Configuring records management in SharePoint Server 2016**
Configuring in-place records management
After completing this module, students will be able to:
Plan how to manage content and documents.
Plan and configure eDiscovery.
Plan records management and compliance.

**Module 10: Planning and configuring business intelligence solutions**
Planning BI architecture
Planning, deploying, and managing BI services
Planning and configuring advanced analysis tools

**Lab : Installing Office Online Server**
Deploy Office Online Server

**Lab : Configuring PowerPivot and Power View for SharePoint 2016**
Configuring PowerPivot for SharePoint 2016
Configuring Power View for SharePoint
After completing this module, students will be able to:
Explain the Microsoft SharePoint business intelligence (BI) architecture, its components, and plan for business intelligence.
Plan, deploy, and manage the core Microsoft SharePoint 2016 BI services.
Configure the advanced BI options available in SharePoint 2016 and Microsoft SQL Server 2014

**Module 11: Planning and configuring productivity and collaboration**
Planning and configuring collaboration features
Planning and configuring composites

**Lab : Configuring and working with project sites**
Creating an Office Online Server farm and configuring integration in SharePoint 2016
Creating project sites
Configuring project sites
Engaging project teams
Configuring Project Server integration

**Lab : Configuring a workflow**

Configuring Microsoft Azure Workflow and Microsoft SharePoint Workflow Services
Creating and testing a workflow
After completing this module, students will be able to:
Describe how to plan and configure SharePoint collaborative and coauthoring options.
Configure project sites and engage teams
Plan and configure composites.
Configure workflows in SharePoint 2016.
Module 12: Upgrading and migrating to SharePoint 2016
Preparing for an upgrade or migration
Upgrade to SharePoint 2016
Planning and managing a site-collection upgrade

**Lab : Performing a content database migration and upgrade from Microsoft SharePoint Server 2013**
Migrating SharePoint Server 2013 Managed Metadata Service
Upgrading a SharePoint Server 2013 content database

**Lab : Managing site-collection upgrades**
Preparing site collections for upgrade
Upgrading site collections
After completing this module, students will be able to:
Plan and prepare for an upgrade.
Perform upgrades to data and service applications
Upgrade site collections.
Upgrade advanced content from SharePoint Server 2013 to SharePoint 2016.

## INFO

**Materiale didattico:** Materiale didattico in formato digitale
**Costo materiale didattico:** incluso nel prezzo del corso a Calendario
**Natura del corso:** Operativo (previsti lab su PC)