

## Advanced Technologies of SharePoint 2016 (20339-2)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Lisboa
- **Com certificação:** MCSE: Productivity
- **Data:** 02 Nov. 2020 a 13 Nov. 2020
- **Preço:** 1820€
- **Horário:** Pós-laboral - 18h30 - 22h00
- **Nível:** Intermédio
- **Duração:** 40 horas

This five-day course will teach you how to plan, configure, and manage the advanced features in a SharePoint 2016 environment.

The special areas of focus for this course include implementing high availability, disaster recovery, service application architecture, and Microsoft Business Connectivity Services.

This course also focuses on social computing features, productivity, and collaboration platforms and features. Students also will learn about business intelligence solutions, Enterprise Content Management, web content management infrastructure, solutions, and apps. This course also covers how to develop and implement a governance plan, and how to perform an upgrade or a migration to SharePoint 2016.

This is the second in a sequence of two courses for IT Professionals and is aligned with the SharePoint 2016 IT Pro certification.

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### Destinatários

The course is targeted at experienced IT Professionals who are interested in learning how to install, configure, deploy, and manage SharePoint 2016 installations either in a data center or in the cloud.

Students typically should have more than four years of hands-on experience\* planning and maintaining SharePoint Server and other core technologies upon which SharePoint depends, including Windows Server 2012 R2 or later, Internet Information Services (IIS), Microsoft SQL Server 2014 R2 or later, Active Directory Domain Services (AD DS), and networking infrastructure services.

Students should have completed Course 20339-1A: Planning and Administering Microsoft SharePoint 2016, or have gained equivalent knowledge and experience before taking this course.

The minimally qualified candidate typically:

- Has a working knowledge of, and preferably hands-on experience, with Microsoft SharePoint Online.
- Has broad familiarity with SharePoint Server workloads.
- Has experience with business continuity management, including data backup, restoration, and high availability.
- Has experience with authentication and security technologies.
- Has experience with Windows PowerShell.

\* The hands-on experience or job experience should be from a solutions-based role where the candidate has worked on multiple solutions in the SharePoint Server space that includes document management, content management, and search.

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## Pré-requisitos

Before attending this course, students must have knowledge of:

- Software management in a Windows Server 2012 or Windows Server 2012 R2 enterprise server environment.
- Deploying and managing applications natively, virtually, and in the cloud.
- Administering IIS.
- Configuring AD DS for use in authentication, authorization, and as a user store.
- Managing an application remotely by using Windows PowerShell 4.0.
- Managing databases and server roles in SQL Server.
- Connecting applications to SQL Server.
- Implementing claims-based security.
- Using Microsoft Hyper-V virtual machines.

An ideal candidate for this course must have at least one year of experience with deploying and administering multiple SharePoint 2013 farms across a large enterprise. Because many customers have not upgraded from SharePoint 2010, a candidate can also have at least two years of experience with SharePoint 2010. However, they also must understand the differences between SharePoint 2010 and SharePoint 2013, particularly in terms of hybridization.

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## Objetivos

- Describe the core SharePoint 2016 architecture and its new and improved features.
- Describe the key hybrid features in SharePoint 2016.
- Plan and design a SharePoint 2016 environment to meet requirements for high availability and disaster recovery.
- Plan and implement Business Connectivity Services and Secure Store Service.
- Configure and manage productivity services for a SharePoint 2016 deployment.
- Manage solutions in a SharePoint 2016 deployment.
- Plan and configure social computing features.
- Plan and configure web content management for an Internet-facing environment.

- Plan and configure Enterprise Content Management in a SharePoint 2016 deployment.
  - Plan and configure business intelligence solutions.
  - Plan and configure work management, productivity, and collaboration platforms and features.
  - Perform an upgrade or migration to SharePoint 2016.
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## Programa

### **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

### **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

### **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

### **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

### **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

### **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

### **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

## **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

## **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

## **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

## **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

#### **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