5 Days | 20331: Core Solutions of Microsoft SharePoint Server 2013

Core Solutions of Microsoft SharePoint Server 2013 Training is an expert level five-day course that imparts the knowledge to configure and manage a Microsoft SharePoint Server 2013 environment. This is the Part I of the sequence of two courses that aligns for the MCSE SharePoint Certification.

This course provides a comprehensive curriculum with extensive hands-on lab exercises that equips professionals to optimize the SharePoint server deployment.

Course Details

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Course Outline

Module 1: Introducing SharePoint Server 2013

This module describes the core features of SharePoint 2013, the new features in this version, and what has been removed.

Lessons

- Key Components of a SharePoint Deployment

- New Features in SharePoint 2013

- SharePoint 2013 Deployment Options

Module 2: Designing an Information Architecture

This module describes the core elements of IA design and the facilities and devices available in SharePoint 2013 to deploy an effective information management solution.

Lessons

- Identifying Business Requirements

- Organizing Information in SharePoint 2013

- Understanding Business Requirements

- Planning for Discoverability

Module 3: Designing a Logical Architecture

This module explains the importance of creating a logical architecture design based on business requirements before you implement a solution.

Lessons

- Overview of SharePoint 2013 Logical Architecture

- Documenting Your Logical Architecture

Module 4: Designing a Physical Architecture

In this module, you will explore the factors that you should consider when you design the physical architecture of a SharePoint 2013 deployment.

Lessons

- Designing Physical Components for SharePoint Deployments

- Designing Supporting Components for SharePoint Deployments

- Mapping a Logical Architecture Design to a Physical Architecture Design

- SharePoint Farm Topologies

Module 5: Installing and Configuring SharePoint Server 2013

This module describes how to install SharePoint 2013 in various topologies. You will learn how to configure farm settings, and script the installation and configuration of SharePoint 2013.

Lessons

- Scripting Installation and Configuration

- Installing and Configuring SharePoint Server 2013

Module 6: Creating Web Applications and Site Collections

This module describes the key concepts and skills related to the logical architecture of SharePoint including web applications, sites, site collections, and content databases.

Lessons

- Creating Web Applications

- Configuring Web Applications

- Creating and Configuring Site Collections

Module 7: Planning and Configuring Service Applications

This module describes the basic service application architecture, the essentials of planning your service application deployment, and the configuration of your service applications.

Lessons

- Service Application Architecture Introduction

- Creating and Configuring Service Applications

Module 8: Managing Users and Permissions

This module describes various authorization and security features available in SharePoint 2013 to help in maintaining a secure SharePoint environment.

Lessons

- Managing Access to Content

- Authorization in SharePoint 2013

Module 9: Configuring Authentication for SharePoint 2013

This module describes the authentication infrastructure in SharePoint 2013.

Lessons

- Overview of Authentication

- Configuring Server-to-Server Authentication

- Configuring Federated Authentication

Module 10: Securing a SharePoint 2013 Deployment

This module describes how to secure and harden your SharePoint 2013 farm deployment and configure several security settings at the farm level.

Lessons

- Platform Security

- Configuring Farm-Level Security

Module 11: Managing Taxonomy

This module describes how Microsoft SharePoint Server 2013 can further enhance the application of metadata by using content types.

Lessons

- Managing Content Types

- Understanding Term Stores and Term Sets

- Managing Term Stores and Term Sets

Module 12: Configuring User Profiles

This module describes how SharePoint 2013 configures and manages the user profile service application, supported by other services, such as the Managed Metadata Service and the Search service

Lessons

- Configuring the User Profile Service Application

- Managing User Profiles and Audiences

Module 13: Configuring Enterprise Search

This module describes the new architecture of the Search service, how to configure the key components of search, and manage search functionality in your organization.

Lessons

- Configuring Enterprise Search

- Understanding the Search Service Architecture

- Managing Enterprise Search

Module 14: Monitoring and Maintaining a SharePoint 2013 Environment

This module describes how to plan and configure monitoring in a SharePoint 2013 server farm, and tune and optimize the performance of your farm on an ongoing basis.

Lessons

- Monitoring a SharePoint 2013 Environment

- Planning and Configuring Caching

- Tuning and Optimizing a SharePoint Environment

- Troubleshooting a SharePoint 2013 Environment

Who Should Attend

This Microsoft SharePoint Server 2013 core solutions training course is intended for IT Professionals who are keen to learn to install, configure, deploy and manage the SharePoint Server 2013 installations.

Professionals having more than four years of hands-on experience with planning and managing SharePoint and other core technologies upon which SharePoint depends. The minimally qualified candidate should typically have:

- Knowledge of planning, implementing, and maintaining a multi-server deployment of SharePoint Server 2013

- Working knowledge of and hands-on experience, with SharePoint Online.

- Experience with authentication and security technologies

- Experience with Windows PowerShell.

- Experience with business continuity management, data backup, restoration, and high availability.

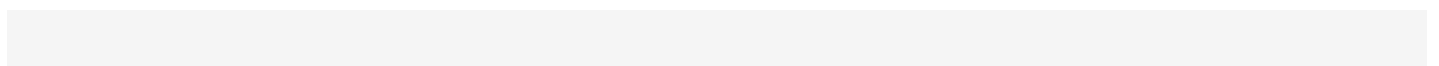- Broad familiarity with SharePoint workloads.

Pre Requisite

A candidate should have at least one year of experience with deploying and administering multiple SharePoint 2010 farms across a large enterprise. A candidate can demonstrate the following skills:

- Implementing Claims-based Security.

- Software management in a Windows 2008 R2 enterprise server or Windows Server 2012 environment.

- Connecting applications to Microsoft SQL Server.

- Managing an application remotely using Windows PowerShell 2.0.

- Administering Internet Information Services (IIS).

- Deploying and managing applications natively, virtually and in the cloud.

Exams

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