20331: Core Solutions of Microsoft® SharePoint® Server 2013

Duration: 5 Days
Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

This course will provide participants with the knowledge and skills to configure and manage a Microsoft SharePoint Server 2013 environment. It will teach them how to configure SharePoint Server 2013, as well as provide guidelines, best practices, and considerations that will help participants optimize their SharePoint server deployment.

Target Audience

This course is intended for:

- Internal Business Customers
- Administrators who are entirely new to SharePoint
- Business Application Administrators (BAAs) who are engaged in the administering line-of-business (LOB) projects.
- Experienced IT Professionals who are interested in learning how to install, configure, deploy, and manage SharePoint Server 2013 installations in either the data centre or the cloud.

Prerequisites

To attend this course, candidates must have:

- At least one (1) year of experience with deploying and administering multiple SharePoint 2010 farms across a large enterprise.
- At least two (2) years of experience with SharePoint 2007 and knowledge of the differences between 2007 and 2010, particularly the Service Application model.
- Software management in a Windows® 2008 R2 enterprise server or Windows Server® 2012 environment.
- Deploying and managing applications natively, virtually and in the cloud.
- Administering Internet Information Services (IIS).
- Configuring Active Directory for use in authentication, authorization and as a user store.
- Managing an application remotely using Windows PowerShell® 2.0.
- Connecting applications to Microsoft SQL Server®.
- Implementing Claims-based Security.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Describe the key features of SharePoint 2013.
- Design information architecture.
- Design logical and physical architectures.
- Install and configure SharePoint Server 2013.
- Create web applications and site collections.
- Plan and configure service applications.
- Manage users and permissions.
- Configure authentication for SharePoint 2013.
- Secure a SharePoint 2013 deployment.
- Manage taxonomy.
- Configure user profiles.
- Configure enterprise search.
- Monitor and maintain a SharePoint 2013 environment.

Course Topics

Module 1: Introducing SharePoint Server 2013

- Key Components of a SharePoint Deployment
- New Features in SharePoint 2013
- SharePoint 2013 Deployment Options

Module 2: Designing an Information Architecture

- Identifying Business Requirements
- Understanding Business Requirements
- Organizing Information in SharePoint 2013
- Planning for Discoverability

Module 3: Designing a Logical Architecture

- Overview of SharePoint 2013 Logical Architecture
- Documenting Your Logical Architecture

Module 4: Designing a Physical Architecture

- Designing Physical Components for SharePoint Deployments
- Designing Supporting Components for SharePoint Deployments
- SharePoint Farm Topologies
- Mapping a Logical Architecture Design to a Physical Architecture Design

Module 5: Installing and Configuring SharePoint Server 2013

- Installing SharePoint Server 2013
- Scripting Installation and Configuration
- Configuring SharePoint Server 2013 Farm Settings

Course Topics *Continued*

Module 6: Creating Web Applications and Site Collections
- Creating Web Applications
- Configuring Web Applications
- Creating and Configuring Site Collections

Module 7: Planning and Configuring Service Applications
- Introduction to Service Application Architecture
- Creating and Configuring Service Applications

Module 8: Managing Users and Permissions
- Authorization in SharePoint 2013
- Managing Access to Content

Module 9: Configuring Authentication for SharePoint 2013
- Overview of Authentication
- Configuring Federated Authentication
- Configuring Server-to-Server Authentication

Module 10: Securing a SharePoint 2013 Deployment
- Securing the Platform
- Configuring Farm-Level Security

Module 11: Managing Taxonomy
- Managing Content Types
- Understanding Term Stores and Term Sets
- Managing Term Stores and Term Sets

Module 12: Configuring User Profiles
- Configuring the User Profile Service Application
- Managing User Profiles and Audiences

Module 13: Configuring Enterprise Search
- Understanding the Search Service Architecture
- Configuring Enterprise Search
- Managing Enterprise Search

Module 14: Monitoring and Maintaining a SharePoint 2013 Environment
- Monitoring a SharePoint 2013 Environment
- Tuning and Optimizing a SharePoint Environment
- Planning and Configuring Caching
- Troubleshooting a SharePoint 2013 Environment

LABS INCLUDED