Price:	$2,295
Length:	35 Hours (5 days)

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

Target Audience: The course is targeted at experienced IT Professionals interested in learning how to install, configure, deploy and manage SharePoint Server 2013 installations in either the data center or the cloud. Students typically have more than four years of hands-on experience planning and maintaining SharePoint and other core technologies upon which SharePoint depends, including Windows Server 2008 R2 or later, Internet Information Services (IIS), SQL Server 2008 R2 or later, Active Directory, and networking infrastructure services. The secondary audience for this course is Business Application Administrators (BAAs) who are engaged in the administering line-of-business (LOB) projects in conjunction with internal business customers. This audience would benefit from an understanding of how to manage SharePoint Server 2013.

Prerequisites:
- One year experience with deploying and administering multiple SharePoint 2010 farms across a large enterprise or two 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 Server 2008 R2 enterprise server or Windows Server 2012 environment.
- Administering Internet Information Services (IIS).
- Deploying and managing applications natively, virtually and in the cloud
- 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 Outline

I. Introducing SharePoint Server 2013
- A. Key Components of a SharePoint Deployment
- B. New Features in SharePoint 2013
- C. SharePoint 2013 Deployment Options

II. Designing an Information Architecture
- A. Identifying Business Requirements
- B. Understanding Business Requirements
- C. Organizing Information in SharePoint 2013
- D. Planning for Discoverability

III. Designing a Logical Architecture
- A. Overview of SharePoint 2013 Logical Architecture
- B. Documenting Your Logical Architecture

IV. Designing a Physical Architecture

- A. Design Physical Components for SharePoint Deployments
- B. Designing Support Components for SharePoint Deployments
- C. SharePoint Farm Topologies
- D. Mapping a Logical Architecture Design to a Physical Architecture Design

V. Installing and Configuring SharePoint Server 2013
- A. Installing SharePoint Server 2013
- B. Scripting Installation and Configuration
- C. Configuring SharePoint Server 2013 Farm Settings

VI. Creating Web Applications and Site Collections
- A. Creating Web Applications
- B. Configuring Web Applications
- C. Creating and Configuring Site Collections

VII. Planning and Configuring Service Applications
- A. Introduction to Service Application Architecture
- B. Creating and Configuring Service Applications

VIII. Managing Users and Permissions
- A. Authorization in SharePoint 2013
- B. Managing Access to Content

IX. Configuring Authentication for SharePoint 2013
- A. Overview of Authentication
- B. Configuring Federate Authentication
- C. Configuring Server-to-Server Authentication

X. Securing a SharePoint 2013 Deployment
- A. Securing the Platform
- B. Configuring Farm-Level Security

XI. Managing Taxonomy
- A. Manage Content Types
- B. Understanding Term Stores and Term Sets
- C. Managing Term Stores and Term Sets

XII. Configuring User Profiles
- A. Configuring the User Profile Service Application
- B. Managing User Profiles and Audiences

XIII. Configuring Enterprise Search
- A. Understanding the Search Service Architecture
- B. Configuring Enterprise Search
- C. Managing Enterprise Search

XIV. Monitoring and Maintaining a SharePoint 2013 Environment
- A. Monitoring a SharePoint 2013 Environment
- B. Tuning and Optimizing a SharePoint Environment
- C. Planning and Configuring Caching
- D. Troubleshooting a SharePoint 2013 Environment