20332: Advanced Solutions of Microsoft® SharePoint® Server 2013

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

Course Description

This course examines how to plan, configure, and manage a Microsoft SharePoint Server 2013 environment. Special areas of focus include implementing high availability, disaster recovery, service application architecture, Business Connectivity Services, social computing features, productivity and collaboration platforms and features, business intelligence solutions, enterprise content management, web content management infrastructure, solutions, and apps. The course also examines how to optimize the Search experience, how to develop and implement a governance plan. and how to perform an upgrade or migration to SharePoint Server 2013.

Target Audience

This course is intended for:

- Experienced IT Professionals interested in learning how to install, configure, deploy, and manage SharePoint Server 2013 installations in either the data centre or cloud.
- Business Application Administrators (BAAs) who are engaged in the administering line-of-business (LOB) projects in conjunction with internal business customers would benefit from an understanding of managing SharePoint Server 2013.
- Existing SharePoint 2010 customers and partners who need to understand the major changes in SharePoint 2013. In addition, there have been other improvements in tools and methodologies.
- Customers who are new to SharePoint. SharePoint market size is growing significantly and is expected to continue to grow, so there are many new customers with no previous experience.
- Customers running a previous version of SharePoint (SharePoint 2003 and SharePoint 2007) which did not upgrade to SharePoint 2010, so are not familiar with the architecture of SharePoint 2010 or SharePoint Server 2013.

Prerequisites

To attend this course, candidates must have:

- Completed the *20331: Core Solutions of Microsoft SharePoint Server 2013* course or equivalent skills.
- At least one year's experience of mapping business requirements to logical and physical technical design.
- Working knowledge of network design, including network security.
- Experience managing software in a Windows® 2008 R2 enterprise server or Windows Server® 2012 environment.
- Deployed and managed applications natively, virtually, and in the cloud.
- Administered Internet Information Services (IIS).
- Configured Active Directory® for use in authentication, authorization and as a user store.
- Managed an application remotely using Windows PowerShell® 2.0.
- Connected applications to Microsoft SQL Server®.
- Implemented Claims-based security.

Course Objectives

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

- Describe the core features of SharePoint 2013.
- Plan and design a SharePoint 2013 environment to meet requirements for high availability and disaster recovery.
- Plan and implement a service application architecture for a SharePoint 2013 deployment.
- Configure and manage Business Connectivity Services features in a SharePoint 2013 deployment.
- Plan and configure social computing features.
- Plan and configure productivity and collaboration platforms and features.
- Plan and configure Business Intelligence solutions.
- Optimize the search experience for an enterprise environment.
- Plan and configure enterprise content management in a SharePoint 2013 deployment.
- Plan and configure a web content management infrastructure to meet business requirements.
- Manage solutions in a SharePoint 2013 deployment.
- Configure and manage apps in a SharePoint Server 2013 environment.
- Develop and implement a governance plan for SharePoint Server 2013.
- Perform an upgrade or migration to SharePoint Server 2013.

Course Topics

Module 1: Understanding the SharePoint Server 2013 Architecture
- Core Components of the SharePoint 2013 Architecture
- New Features in SharePoint Server 2013
- SharePoint Server 2013 and SharePoint Online Editions

Module 2: Designing Business Continuity Management Strategies
- Designing Database Topologies for High Availability and Disaster Recovery
- Designing SharePoint Infrastructure for High Availability
- Planning for Disaster Recovery

Module 3: Planning and Implementing a Service Application Architecture
- Planning Service Applications
- Designing and Configuring a Service Application Topology
- Configuring Service Application Federation

Module 4: Configuring and Managing Business Connectivity Services
- Planning and Configuring Business Connectivity Services
- Configuring the Secure Store Service
- Managing Business Data Connectivity Models

Module 5: Connecting People
- Managing User Profiles
- Enabling Social Interaction
- Building Communities

Module 6: Enabling Productivity and Collaboration
- Aggregating Tasks
- Planning and Configuring Collaboration Features
- Planning and Configuring Composites

Module 7: Planning and Configuring Business intelligence
- Planning for Business Intelligence
- Planning, Deploying, and Managing Business Intelligence Services
- Planning and Configuring Advanced Analysis Tools

Module 8: Planning and Configuring Enterprise Search
- Configuring Search for an Enterprise Environment
- Configuring the Search Experience
- Optimizing Search

Course Topics *Continued*

Module 9: Planning and Configuring Enterprise Content Management

- Planning Content Management
- Planning and Configuring eDiscovery
- Planning Records Management

Module 10: Planning and Configuring Web Content Management

- Planning and Implementing a Web Content Management Infrastructure
- Configuring Managed Navigation and Catalogue Sites
- Supporting Multiple Languages and Locales
- Enabling Design and Customization
- Supporting Mobile Users

Module 11: Managing Solutions in SharePoint Server 2013

- Understanding the SharePoint Solution Architecture
- Managing Sandbox Solutions

Module 12: Managing Apps for SharePoint Server 2013

- Understanding the SharePoint App Architecture
- Provisioning and Managing Apps and App Catalogues

Module 13: Developing a Governance Plan

- Introduction to Governance Planning
- Key Elements of a Governance Plan
- Planning for Governance in SharePoint 2013
- Implementing Governance in SharePoint 2013

Module 14: Upgrading and Migrating to SharePoint Server 2013

- Preparing the Upgrade or Migration Environment
- Performing the Upgrade Process
- Managing a Site Collection Upgrade

LABS INCLUDED