

WLC-SPS1303: Planning for Migrating and Deploying to SharePoint 2013

Two days, instructor-led

About this Course

This customized course for SharePoint Server 2013 applies for Developers covering developer's tools and arsenal in writing application for the new SharePoint 2013, these includes lots of new features and enhancements to current functionality, guidance on how to take advantage of programmability enhancements and use-and-extend new features programmatically. It also contains discussion on best practices and planning for a migration path to Sharepoint 2013 from the older versions.

Audience

The target group would be developers and administrators of Sharepoint 2007 and 2013 who are tasked to migrate applications and site into the Sharepoint 2013 platform.

Pre-requisites

All students should already understand the basics of the .NET Framework. Students should also be comfortable using Visual Studio .NET and programming in either C# or Visual Basic .NET. It is also recommended that students have some background writing ASP.NET applications and SharePoint 2007 or 2010 products.

Course Outline

Module 1: Plan and Design SharePoint 2013 Architecture.

This module reviews the logical constructs of Microsoft SharePoint Server 2013. It discuss the importance of creating a logical architecture design based on business requirements before you implement a solution. The module covers conceptual content, defining a logical architecture, and the components of Microsoft SharePoint Server 2013 that you must map to business specifications. In addition, when you design a Microsoft SharePoint Server 2013 deployment, you must carefully consider the hardware and farm topology requirements. Your choices of

server hardware and the number of servers that you specify for the farm can have a significant impact on how the farm meets user requirements, how users perceive the SharePoint solution, and how long before the farm requires additional hardware.

Module 2: Planning and Implementing SharePoint 2013 Service Applications.

Service applications were introduced in Microsoft SharePoint Server 2010, replacing the Shared Service Provider architecture of Microsoft Office SharePoint Server 2007. Service applications provide a flexible design for delivering services, such as Managed Metadata or PerformancePoint,

to users who need them. Microsoft SharePoint Server 2013 includes more than 20 services, some of which are new to this version, whereas others are enhanced. In planning and configuring service applications, it is important that you understand the dependencies, resource usage, and business requirements for each. This module reviews the basic service application architecture, the essentials of planning your service application deployment, and the configuration of your service applications. This module does not discuss sharing, or federation, of service applications. This is covered in more detail in course 20332B: Advanced Solutions of Microsoft SharePoint Server 2013.

Module 3: Migration from SharePoint 2007 to SharePoint 2010

This module examines how to install and upgrade to SharePoint 2010 in a variety of scenarios, and how to keep SharePoint 2010 current. It examines the installation of SharePoint servers and farms, the upgrade of SharePoint 2007 to SharePoint 2010, and the planning of those installations and upgrades. This module also focuses on how upgrade previous version of SharePoint into SharePoint 2010 in preparation for SharePoint 2013.

Module 4: Migration from SharePoint 2010 to SharePoint 2013

Upgrading your SharePoint Server 2010 farm(s) to SharePoint 2013 is a major undertaking, so it is important that you carefully plan the upgrade activities. You need to ensure that your upgrade path—moving from version to version—is supported, that you have reviewed the business impact of your upgrade, and that you test your upgrade strategy to ensure business continuity. As with all such activities, preparation is crucial. In contrast with earlier version of SharePoint,

SharePoint 2013 supports only database-attach upgrades for content, but now supports upgrades for some of the databases associated with service applications. You need to plan for these and ensure that you are prepared for any troubleshooting that may be required. Another change in SharePoint 2013 is the approach to upgrading site collections. These are upgraded separately from the data and service applications.

Module 5: Implementing Governance Plan

Governance as it relates to SharePoint can be described as a way of controlling a SharePoint environment through the application of people, policies, and processes. Governance is necessary for all IT systems as a whole, and in particular for SharePoint deployments, which often introduce significant change in business processes, available functionality, and day-to-day working practices. It is important to understand that governance must reflect the needs of the organization and how it should best use SharePoint. Therefore, the IT department cannot be the only body governing SharePoint; input must come from corporate sponsorship across the organization. The IT department must still act as the technical authority for SharePoint; however, this is just a single part of how SharePoint governance must be brought together from different parts of the organization.

Course Inclusions:

- Microsoft Official Curriculum (MOC) and/or Wizards Learning Courseware (WLC)
- Microsoft Certified Trainer (MCT)
- Lunch, AM and PM Snacks
- Certificate of Achievement
- Course Notes