Service Pack 1 (SP1) for SharePoint Foundation 2010 and SharePoint Server 2010

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Summary:

This white paper describes the fixes and improvements to existing functionality that are included in Microsoft® SharePoint® Server 2010 Service Pack 1 (SP1) and Microsoft® SharePoint® Foundation 2010 Service Pack 1 (SP1).

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Introduction

This white paper describes the features that are included in Microsoft® SharePoint® Server 2010 Service Pack 1 (SP1) and SharePoint Foundation 2010 Service Pack 1 (SP1). In addition, this paper provides guidelines to plan your solutions to work with current and future versions of Microsoft SharePoint.

In this white paper:

- New features and enhancements in SP 1
- Cumulative Updates included in SP1
- Obtaining SP1

New features and enhancements in SP1

SP1 contains stability, performance, and security enhancements that are a direct result of customer feedback. SP1 includes new functionality designed to enhance both the administrative and end-user experience. This whitepaper provides insight into several of the new areas of functionality provided in SP1; however, this white paper should not be considered an exhaustive list of new functionality in SP1. The following enhancements that are included in this release are described in this white paper:

- Support for SQL Server Code Name “Denali”
- Shallow copy functionality
- Site-level recycle bin
- Improvements to storage management (StorMan.aspx)
- Cascading filters for Performance Point services
- Additional browser support

Installing on SQL Server Code Name “Denali”

SP1 provides support for running SharePoint 2010 with SQL Server Code Name “Denali” in addition to providing ongoing support for SQL Server 2008 and SQL Server 2005. For more information about the improvements and new features that are part of SQL Server Codename “Denali”, see the SQL Server product Web site (http://go.microsoft.com/fwlink/LinkId=221774).

Shallow Copy

Shallow copy is a migration technique in which structured site collection data is moved across content databases while the unstructured data remains untouched in its originally configured BLOB store. In scenarios where the same remote blob storage (RBS) provider is configured in both the source and destination content database, the structured site collection data is moved without copying the underlying unstructured data. Instead, only the ownership information is moved between content databases.

In SP1, new shallow copy functionality is implemented with the **Move-SPSite** Windows PowerShell cmdlet. This cmdlet enables you to move site collections between content databases without moving the underlying unstructured data such as Microsoft Word documents

and PowerPoint presentations. Shallow copy significantly increases performance and reliability for organizations using RBS by simply updating the pointers to those objects in the destination content database.

Shallow copy is not supported with the local FILESTREAM provider.

Prerequisite

In order to use shallow copy, you must have installed the Microsoft® SQL Server® 2008 R2 Remote Blob Store. The Remote Blob Store is included in the Microsoft® SQL Server® 2008 R2 SP1 Community Technology Preview Feature Pack (http://go.microsoft.com/fwlink/LinkId=221775).

Performing a shallow copy

You perform a shallow copy by using one of the following methods:

- Using the Object Model.
- Using the **Move-SPSite** cmdlet. In this cmdlet, the **RbsProviderMapping** parameter defines the mapping between the RBS providers in the source and destination content databases. The syntax of this cmdlet is as follows:

```
Move-SPSite -Identity siteUrl -DestinationDatabase databaseName -
RbsProviderMapping
@{"sourceProvider1"="targetProvider1","sourceProvider2"="targetPr
ovider2"}
```

Site Recycle Bin

The site Recycle Bin enables self-service recovery of site collections and sites. In SP1, administrators can quickly and easily recover site collections and sites that have been accidentally deleted by their owners. The recovery process is similar to that of the Recycle Bin for lists, libraries, and documents.

StorMan.aspx

In previous versions, the page **StorMan.aspx** (Storage Space Allocation) enabled granular management and insight into storage. For example, the page would list the 100 largest documents or document libraries. With this information, end-users could easily clean up their sites by deleting the large content that they no longer needed.

The **StorMan.aspx** page was removed in SharePoint 2010. For more information, see http://support.microsoft.com/kb/982587. SP1 introduces an improved **StorMan.aspx**, enabling users to better understand what is using up their quota and to act upon that information in order to reduce the size of their sites.

Cascading Filters in PerformancePoint Services

New cascading filter support enables you to pass the value of one filter to another.

Browser Support

SP1 provides support for Internet Explorer 9 in Internet Explorer 8 Standards Mode and also provides support for the Google Chrome browser.

For a complete list of supported browsers, see Plan browser support (SharePoint Server 2010 (http://go.microsoft.com/fwlink/?LinkID=221778) and Plan browser support (SharePoint Foundation 2010) (http://go.microsoft.com/fwlink/?LinkID=221779).

Cumulative Updates included in SP1

In addition to the new functionality SP1 provides, it also includes a number of fixes designed to improve your experience. SP1 also includes all Cumulative Updates through the April 2011 Cumulative Update.

The following is an accumulated list of all SharePoint Server 2010 and SharePoint Foundation 2010 CUs. In addition to the CUs, SP1 contains additional fixes to each product.

- SharePoint Server 2010 April 2011 Cumulative Update
- SharePoint Foundation 2010 April 2011 Cumulative Update
- SharePoint Server 2010 February 2011 Cumulative Update
- SharePoint Foundation 2011 February Cumulative Update
- SharePoint Server 2010 December Cumulative Update
- SharePoint Foundation 2010 December 2010 Cumulative Update
- SharePoint Server 2010 October 2010 Cumulative Update
- SharePoint Foundation 2010 October 2010 Cumulative Update
- SharePoint Server 2010 August 2010 Cumulative Update
- SharePoint Foundation 2010 August 2010 Cumulative Update
- SharePoint Server 2010 June 2010 updates:
    - KB983497
    - KB2124512
    - KB2182938
    - KB2204024
    - KB2281364
- SharePoint Foundation 2010 June 2010 Cumulative Update

Obtaining SP1

For detailed information about obtaining a copy of this service pack and installing it, visit the resource center Updates for SharePoint 2010 Products (http://go.microsoft.com/fwlink/?LinkID=221776).

New and updated content

As a result of the fixes and improved functionality in SP1, the TechNet library is updated with new articles and additional information in existing articles for SharePoint Server 2010 and SharePoint Foundation 2010. The following table lists the documentation changes for SharePoint Server 2010 SP1 and SharePoint Foundation 2010 SP1 only. Titles for new topics are preceded by the word NEW.

Area	Topic
Plan browser support	• Plan browser support (SharePoint Server 2010) (http://go.microsoft.com/fwlink/?LinkID=221778) • Plan browser support (SharePoint Foundation 2010) (http://go.microsoft.com/fwlink/?LinkID=221779)
Windows PowerShell	• NEW: Get-SPDeletedSite (SharePoint Server 2010) • NEW: Get-SPDeletedSite (SharePoint Foundation 2010) • NEW: Remove-SPDeletedSite (SharePoint Server 2010) • NEW: Remove-SPDeletedSite (SharePoint Foundation 2010) • NEW: Restore-SPDeletedSite (SharePoint Server 2010) • NEW: Restore-SPDeletedSite (SharePoint Foundation 2010) • Move-SPSite (RBSProviderMapping parameter added) (SharePoint Server 2010) • Move-SPSite (RBSProviderMapping parameter added) (SharePoint Foundation 2010)
Site management	• Restore a deleted site collection (SharePoint Server 2010) • Restore a deleted site collection (SharePoint Foundation 2010) • Restore a deleted site (SharePoint Server 2010) • Restore a deleted site (SharePoint Foundation 2010)
Database management	• Overview of RBS (http://technet.microsoft.com/library/ee748649.aspx) • Overview of RBS (http://technet.microsoft.com/library/ee748607.aspx) • Plan for RBS (http://technet.microsoft.com/library/ff628583.aspx) (SharePoint Server 2010) • Plan for RBS (http://technet.microsoft.com/library/ff628569.aspx) (SharePoint Foundation 2010) • Install and configure RBS (SharePoint Server 2010) (http://technet.microsoft.com/library/ee748631.aspx) • Install and configure RBS (SharePoint Foundation 2010) (SharePoint Foundation 2010) • NEW: Remote BLOB storage in SharePoint Server 2010 (video) (http://technet.microsoft.com/library/hh286318.aspx) (SharePoint Server 2010)

Cascading filters	• NEW: Configure cascading filters by using Dashboard Designer (SharePoint Server 2010 SP1) (http://technet.microsoft.com/library/hh272541.aspx)
Developer content	• What's new in the SDK for SharePoint Server 2010 (http://msdn.microsoft.com/library/ff847475.aspx) • What's new in the SDK for SharePoint Foundation 2010 (http://msdn.microsoft.com/library/ff847474.aspx)