Register the 2007 Office system file format MIME types on servers

Updated: July 23, 2008

Applies To: Office Resource Kit

This Office product will reach end of support on October 10, 2017. To stay supported, you will need to upgrade. For more information, see , [Resources to help you upgrade your Office 2007 servers and clients](#).

Topic Last Modified: 2016-11-14

For servers to recognize the new file formats, you will need to register the Multipurpose Internet Mail Extensions (MIME) types for each new file type. If the MIME types are not registered, servers will detect the new file formats as archives of compressed files. MIME types are automatically registered with Windows Server 2003 Service Pack 2 (SP2) or later versions.

By default, Internet Information Services (IIS) 7.0 includes these new MIME types. For servers that run Windows Server 2003 and Internet Information Services (IIS) 6.0, you can add the Open XML types in IIS Manager. For more information, see [Configure MIME Types (IIS 6.0)](http://go.microsoft.com/fwlink/?LinkId=158193) (http://go.microsoft.com/fwlink/?LinkId=158193).

For servers that are not Windows-based, you have to register the MIME types manually. Refer to the product documentation for your server or refer to the links at the end of this article for more information about registering MIME types.

The following table shows the extensions you will need to register, their file type, and their MIME type.

File extension	File type	MIME type
.docx	Microsoft Office Word 2007 document	application/vnd.openxmlformats-officedocument.wordprocessingml.c
.docm	Office Word 2007 macro-enabled	application/vnd.ms-word.document.macroEnabled.12

File extension	File type	MIME type
	document	
.dotx	Office Word 2007 template	application/vnd.openxmlformats-officedocument.wordprocessingml.t
.dotm	Office Word 2007 macro-enabled document template	application/vnd.ms-word.template.macroEnabled.12
.xlsx	Microsoft Office Excel 2007 workbook	application/vnd.openxmlformats-officedocument.spreadsheetml.she
.xlsm	Office Excel 2007 macro-enabled workbook	application/vnd.ms-excel.sheet.macroEnabled.12
.xltx	Office Excel 2007 template	application/vnd.openxmlformats-officedocument.spreadsheetml.tem
.xltm	Office Excel 2007 macro-enabled workbook template	application/vnd.ms-excel.template.macroEnabled.12
.xlsb	Office Excel 2007 binary workbook	application/vnd.ms-excel.sheet.binary.macroEnabled.12
.xlam	Office Excel 2007 add-in	application/vnd.ms-excel.addin.macroEnabled.12
.pptx	Microsoft Office PowerPoint 2007	application/vnd.openxmlformats-officedocument.presentationml.pre

File extension	File type	MIME type
	presentation	
.pptm	Office PowerPoint 2007 macro-enabled presentation	application/vnd.ms-powerpoint.presentation.macroEnabled.12
.ppsx	Office PowerPoint 2007 slide show	application/vnd.openxmlformats-officedocument.presentationml.slid
.ppsm	Office PowerPoint 2007 macro-enabled slide show	application/vnd.ms-powerpoint.slideshow.macroEnabled.12
.potx	Office PowerPoint 2007 template	application/vnd.openxmlformats-officedocument.presentationml.tem
.potm	Office PowerPoint 2007 macro-enabled presentation template	application/vnd.ms-powerpoint.template.macroEnabled.12
.ppam	Office PowerPoint 2007 add-in	application/vnd.ms-powerpoint.addin.macroEnabled.12
.sldx	Office PowerPoint 2007 slide	application/vnd.openxmlformats-officedocument.presentationml.slid
.sldm	Office PowerPoint 2007	application/vnd.ms-powerpoint.slide.macroEnabled.12

File extension	File type	MIME type
	macro-enabled slide	
.one	Microsoft Office OneNote 2007 section	application/msonenote
.onetoc2	Office OneNote 2007 TOC	application/msonenote
.onetmp	Office OneNote 2007 temporary file	application/msonenote
.onepkg	Office OneNote 2007 package	application/msonenote
.thmx	2007 Office system release theme	application/vnd.ms-officetheme

For more information about how to set these types on different servers, see the following articles:

-

How to get Companyweb (Windows SharePoint Services v2) to work with Office 2007 (http://go.microsoft.com/fwlink/?LinkId=158120) on David Overton's blog

-
-

Office 2007 MIME types for Apache (http://go.microsoft.com/fwlink/?LinkId=158121) on Vladimir Mazek's blog

-
-

[Description of the default settings for the MimeMap property and for the ScriptMaps property in IIS](http://go.microsoft.com/fwlink/?LinkId=158122)(includes MIME types for other file extensions)

-
-

[Creating Document Themes with the Office Open XML Formats](http://go.microsoft.com/fwlink/?LinkId=158124)

-

Updated: June 25, 2009

Applies To: Office Resource Kit

This Office product will reach end of support on October 10, 2017. To stay supported, you will need to upgrade. For more information, see , [Resources to help you upgrade your Office 2007 servers and clients](#).

Topic Last Modified: 2016-11-14

This book provides how-to information: the recommended steps to execute specific deployment tasks, such as customizing the installation, installing 2007 Microsoft Office system on users' computers, implementing the deployment in many languages, and migrating to the new file format. Microsoft Office Outlook 2007 deployment tasks are also included in this book. The audiences for this book are IT professionals who plan, implement, and maintain Office installations in their organizations.

Click the following link to open a Microsoft Word .doc file that you download to your computer and print. The size of this document is approximately 2.7 MB. Publication date: June 2009.

[Deployment for the 2007 Office release](http://go.microsoft.com/fwlink/?LinkId=79593\&clcid=0x40)

The content in this book is a copy of selected content in the [2007 Office release technical library](http://go.microsoft.com/fwlink/?LinkId=84741) as of the date above. For the most current content, see the technical library on the Web.

Downloadable content for the 2007 Office Resource Kit

Updated: December 4, 2009

Applies To: Office Resource Kit

This Office product will reach end of support on October 10, 2017. To stay supported, you will need to upgrade. For more information, see , [Resources to help you upgrade your Office 2007 servers and clients](#).

Topic Last Modified: 2017-01-25

If you are an IT professional and use TechNet or the Office Resource Kit, take a look at our [Online Survey(https://go.microsoft.com/fwlink/?LinkId=132189)](#). Let us know how we can best meet your documentation needs. You can read more about our work to improve documentation on the [Office Resource Kit Blog (https://go.microsoft.com/fwlink/?LinkID=125627\&clcid=0x40)](#).

The entire library for the 2007 Office system is now available as a downloadable .chm file. To download this file, see [2007 Office Resource Kit Technical Library in Compiled Help (https://go.microsoft.com/fwlink/?LinkId=127842\&clcid=0x40)](#). This download includes all content in the library and is updated monthly. See Downloading the entire library for the 2007 Office Resource Kit, later in this article.

In this article:

-

  Getting started

-
-

  Planning

-
-

  Deployment

-
-

  Operations

-
-

Security

-
-

Technical reference

-
-

Downloading the entire library for the 2007 Office Resource Kit

-

Getting started

Type	Title	Description	Updated date	URL
📖	Introduction to deploying the 2007 Office release (Download)	Provides information about the design of the 2007 Microsoft Office system Setup program, new tools and methods of customizing the installation, and an overview of the top migration issues.	March 2007	https://go.microsoft.com/fwlink/?LinkId=79594&clcid=0x409

Planning

Type	Title	Description	Updated date	URL
📖	Planning and architecture for the 2007 Office release (Download)	Provides a detailed description of how Setup for the 2007 Office system works and helps you manage a smooth transition	July 2008	https://go.microsoft.com/fwlink/?LinkID=79592

Type	Title	Description	Updated date	URL
		to the new version.		
	Office Migration Planning Manager (OMPM) for the 2007 Office release ([Download](#))	Provides an overview of the Office Migration Planning Manager (OMPM) for the 2007 Office system, along with instructions for configuring and using it.	June 2009	https://go.microsoft.com/fwlink/?LinkId=92786
	Migrating to Access 2007 (white paper) ([Download](#))	Describes the primary functional differences in Microsoft Office Access 2007, explains some of the more common issues that might arise during migration, and offers solutions where applicable.	April 2007	https://go.microsoft.com/fwlink/?LinkID=86993
	Migrating to Excel 2007 (white paper) ([Download](#))	Describes the primary functional differences in Microsoft Office Excel 2007, explains some of the more common issues that might arise during migration, and offers solutions where applicable.	January 2007	https://go.microsoft.com/fwlink/?LinkId=83536&clcid=0x409
	Fluent user	Presents the	September	https://go.microsoft.com/fwlink/?

Type	Title	Description	Updated date	URL
	interface - Information worker perception (white paper) ([Download](#))	results of a research study commissioned by Microsoft to help organizations and individuals understand the benefits of the Fluent user interface and address some of the challenges they might have in transitioning to the 2007 Office system.	2007	LinkId=101138
	Fluent user interface - IT decision-maker perception (white paper) ([Download](#))	Presents the results of a research study commissioned by Microsoft to help IT organizations who are considering adopting the 2007 Office system anticipate the impact of the new Fluent user interface on their end users.	September 2007	https://go.microsoft.com/fwlink/?LinkId=101137

Deployment

Type	Title	Description	Updated date	URL
	Messaging	Includes planning	April	https://go.microsoft.com/fwlink/?

Type	Title	Description	Updated date	URL
	guide for the 2007 Office release (Download)	upgrades and new installations, coordinating Outlook and Microsoft Exchange Server deployments, configuring Outlook features, and planning and configuring Outlook security settings to mitigate threats.	2009	LinkId=92780
	Deployment for the 2007 Office release (Download)	Describes the recommended steps to execute specific deployment tasks, such as customizing the installation, installing the 2007 Office system on users' computers, and migrating to the new file format.	June 2009	https://go.microsoft.com/fwlink/?LinkId=79593
	Group Policy overview for the 2007 Office release (Download)	Provides information about the Group Policy settings for the 2007 Office system.	July 2008	https://go.microsoft.com/fwlink/?LinkID=94264
	Deploying the 2007 Office system (videos) (Download)	Series of five videos that presents how to deploy the 2007 Office system.	February 2009	https://go.microsoft.com/fwlink/?LinkId=142999
	New and changed features in Outlook	Describes the updated functionality of deployment features, such as the	January 2007	https://go.microsoft.com/fwlink/?linkid=95997

Type	Title	Description	Updated date	URL
	deployment (white paper) ([Download](#))	Office Customization Tool (OCT), in the 2007 Office system.		
	Performance tuning for the 2007 Office system (white paper) ([Download](#))	Describes the process of performance tuning a computer running the 2007 Office system.	June 2008	https://go.microsoft.com/fwlink/?LinkId=122086

Operations

Type	Title	Description	Updated date	URL
	Operations for the 2007 Office release ([TechNet article](#))	Links to prescriptive guidance for maintaining and managing your installation after you have deployed the 2007 Office system.	June 2009	https://technet.microsoft.com/en-us/library/cc17

Security

Type	Title	Description	Updated date	URL
	Security for the 2007	Provides information to help	December 2008	https://go.microsoft.com/fwlink/?LinkId=85671

Type	Title	Description	Updated date	URL
	Office release (Download)	administrators understand and implement security features.		
	Digital signing of 2007 Office system documents (white paper) (Download)	Provides an introduction to what digital signatures are in the 2007 Office system and how to use them.	September 2007	https://go.microsoft.com/fwlink/?LinkId=102065

Technical reference

Type	Title	Description	Updated date	URL
	Technical reference for the 2007 Office releaseDownload	Provides a catalog of the technical details needed to help plan, deploy, and maintain the 2007 Office system in an organization.	December 2008	https://go.microsoft.com/fwlink/?LinkId=79595
	Free/busy architecture in Outlook and Exchange (white paper) (Download)	Provides an overview of the free/busy publishing and retrieval process used by Microsoft Outlook and Microsoft Exchange.	December 2008	https://go.microsoft.com/fwlink/?LinkId=136470
	Delegate feature architecture in	Provides an overview of the	July 2009	https://go.microsoft.com/fwlink/?LinkId=158118

Type	Title	Description	Updated date	URL
	Office Outlook 2007 (white paper) ([Download](#))	architecture of the delegate feature in Office Outlook 2007 and Office Outlook 2003.		
	Using different versions of Outlook for manager/delegate pairs (white paper) ([Download](#))	Discusses issues related to running different versions of Microsoft Outlook for manager/delegate pairs (for example, Microsoft Office Outlook 2003 and Microsoft Office Outlook 2007).	November 2009	https://go.microsoft.com/fwlink/?LinkId=177691

Downloading the entire library for the 2007 Office Resource Kit

Note that if you are downloading the 2007 Office Resource Kit library .chm file and you are using Windows Vista or have installed Windows security updates MS05-026 or MS05-001, the text in this file might not appear as expected. The messages "Navigation canceled," "Action canceled," or "The page cannot be displayed" might appear. For more information, see Microsoft Knowledge Base article 892675.

The 2007 Office Resource Kit Technical Library in Compiled Help download is available on the Microsoft Download Center (at https://go.microsoft.com/fwlink/?LinkId=127842\&clcid=0x40).

To open the .chm file and display the text

1.

   Click **Download**.

2.

3.

In the **File Download** dialog box, click **Save**.

4.
5.

Use the **Save As** dialog box to save the file to your computer.

6.
7.

Find the file on your computer and double-click it.

8.
9.

In the **Open File** dialog box, you must clear the **Always ask before opening this file check box**, and then click **Open**.

10.