



FOXIT PDF READER DEPLOYMENT AND CONFIGURATION

For Windows

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Anti-Grain Geometry – Version 2.3

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Introduction

About the User Manual

Foxit PDF Reader (MSI) is developed on the basis of Foxit PDF Reader (EXE) , but it extends the usability and performance of viewing and editing of Foxit PDF Reader (EXE). This User Manual introduces the deployment and configuration of Foxit PDF Reader. Please follow the instructions below for details.

About Foxit PDF Reader (MSI)

Foxit PDF Reader (MSI) Overview

Foxit PDF Reader (MSI), hereafter referred to as Foxit PDF Reader, is a PDF document viewer. It launches quickly and is easy to install. Just run “Foxit PDF Reader Setup.msi” and then follow the [installation guides](#) to complete installation.

Foxit PDF Reader enables users to edit and secure reliable PDF documents quickly, easily and economically. In addition to the basic PDF viewing functions, Foxit PDF Reader also includes various advanced features, such as AIP Protection, GPO Control, and XML Control.

Installing Foxit PDF Reader

Windows System Requirements

Foxit PDF Reader runs successfully on the following systems. If your computer does not meet these requirements, you may not be able to use Foxit PDF Reader.

Operating Systems

- Windows 10
- Windows 11
- Verified as Citrix Ready® with Citrix XenApp® 7.13

Recommended Minimum Hardware for Better Performance

- 1.3 GHz or faster processor (x86 compatible) or ARM processor, Microsoft SQ1 or better

- 512 MB RAM (Recommended: 1 GB RAM or greater)
- 1 GB of available hard drive space
- 1024*768 screen resolution
- Supports 4K and other high-resolution displays

How to Install?

- Double-click the installation file and you will see the Install Wizard pop up. Click **Next** to continue.
- In order to install Foxit PDF Reader on your system, you are required to accept the terms and conditions of Foxit's License Agreement. Please read the Agreement carefully and then check **I accept the terms in the License Agreement** to continue. If you cannot accept it, please click **Cancel** to exit the installation.

(Optional) You can select or deselect the **Help improve user experience** option to turn on or off data collection. The collected data will be used to improve user experiences only. The setting for this option will not affect the following installation process.

- Choose one of the setup types as needed:
 - A. **Typical**—installs all features by default but requires more disk space.
 - B. **Custom**—allows users to choose the features to be installed.
- For **Typical** setup, just click **Install**. For **Custom** setup, do the following:
 - A) Click **Browse** to change the installation directory of the PDF Viewer plug-in.
 - B) Click **Disk Usage** to check the disk space available for the selected features.
 - C) Check the options you want to install and click **Next** to continue.
 - D) Select the additional tasks you would like to perform while installing Foxit PDF Reader, click **Next** and then **Install** to begin the installation.
- Finally, a message will appear to inform you the successful installation. Click **Finish** to complete the installation.

Command-line Installation

You can also use the command-line to install the application:

```
msiexec /Option <Required Parameter> [Optional Parameter]  
[PROPERTY=PropertyValue]
```

For detailed information on msiexec.exe options, required parameters, and optional parameters, type "msiexec" on the command line or visit Microsoft TechNet help center.

Public Properties of the Foxit PDF Reader MSI installation package.

Foxit PDF Reader installation properties supplement the standard MSI public properties to give administrators greater control over the installation of the application.

For the complete list of standard public properties please refer to:

[http://msdn.microsoft.com/en-gb/library/aa370905\(VS.85\).aspx](http://msdn.microsoft.com/en-gb/library/aa370905(VS.85).aspx)

The Foxit PDF Reader properties are:

ADDLOCAL <list of features> The value of the ADDLOCAL property is a comma delimited list of features which the installation of Foxit PDF Reader will make available locally. Foxit PDF Reader installer defines the following features:

FX_PDFVIEWER - Foxit PDF Viewer and its components;

FX_FIREFOXPLUGIN - A plugin used for opening PDF files in Internet Explorer. This feature requires FX_PDFVIEWER feature to be installed.

FX_SPELLCHECK - Spell check tool which is used for finding any misspelled words in typewriter or form filler mode and suggesting the correct spellings. This feature requires FX_PDFVIEWER feature to be installed.

FX_SE - Plugins for Windows Explorer and Windows shell. These extensions allow PDF thumbnails to be viewed in Windows Explorer, and PDF files to be previewed in Windows OS and Office 2013 (or a later version). This feature requires FX_PDFVIEWER feature to be installed.

INSTALLLOCATION	Specifies the folder where products will be installed.
MAKEDEFAULT	Default value of "1", Foxit PDF Reader will be set as default application for opening PDF files.
VIEW_IN_BROWSER	Default value of "1", Foxit PDF Reader will be configured to open PDF files inside browsers.
DESKTOP_SHORTCUT	Default value of "1", installer will place a shortcut for the installed application on Desktop.
STARTMENU_SHORTCUT	Default value of "1", installer will create program menu group for installed application and its components.
LAUNCHCHECKDEFAULT	Default value of "1", Foxit PDF Reader will check if it is the default reader when it's launched.

CLEAN	Executes with the command /uninstall, removing all of Foxit PDF Reader's registry data and related files with the value of "1". (Note: This is a command for uninstallation.)
AUTO_UPDATE	Do not download or install updates automatically with the value of "0"; Automatically download updates, but let users choose when to install them with the value of "1"; Automatically install updates with the value of "2".
REMOVE_NEW_VERSION	Forces an installation to overwrite the higher version of Foxit PDF Reader with the value of "1".
REMOVE_GAREADER	Forces to uninstall Foxit PDF Reader (Desktop Version).
NOT_INSTALL_UPDATE	Does not install updates by setting the value to "1". This will prevent Foxit PDF Reader from being updated from within the software.
INTERNET_DISABLE	Disables all features that require an Internet connection by setting the value to "1".
READ_MODE	Opens PDF file in Read Mode by default in web browsers by setting the value to "1".
DISABLE_UNINSTALL_SURVEY	Stops the Uninstall Survey after uninstallation by setting the value to "1".
KEYCODE	Activates the application by key code.
EMBEDDED_PDF_INOFFICE	With the value of "1", opens embedded PDF files in Microsoft Office with Foxit PDF Reader if Acrobat and Foxit PDF Editor is not installed.
ADVERTISE	Usually used together with "ADDLOCAL" to advertise the specified features.

Command-line Examples:

1. Silently install the application (no user interaction) to folder "C:\Program Files\Foxit Software":

```
msiexec /i "Foxit PDF Reader.msi" /quiet INSTALLLOCATION="C:\Program Files\Foxit Software "
```

2. Install Foxit PDF Viewer only:

```
msiexec /i "Foxit PDF Reader.msi" /quiet ADDLOCAL="FX_PDFVIEWER"
```

3. Force an installation to overwrite the same or higher version of Foxit PDF Reader:

```
msiexec /i "Foxit PDF Reader.msi" REMOVEEXISTINGVERSION="1"
```

4. Remove registry and user data when performing silent uninstallation:

```
msiexec /x "Foxit PDF Reader.msi" /quiet CLEAN="1"
```

5. Activate the application by key code:

```
msiexec /i "Foxit PDF Reader.msi" KEYCODE="your key code"
```


Deployment and Configuration

Using Group Policy

What is Group Policy?

Group Policy (GPO), a feature of the Microsoft [Windows NT](#) family of [operating systems](#), is a set of rules that control the working environment of user accounts and computer accounts. It offers the centralized management and configuration of operating systems, applications, and users' settings in an [Active Directory](#) environment.

Group Policy can configure most system settings, save power by utilizing smart power settings, give individual users more control over their machines with administrator privileges and increase system security.

Group Policy in part controls what users can and cannot do on a certain program to accomplish the goal of central management of a group of applications. Users can configure Foxit PDF Reader easily through Group Policy. Please refer to the instructions below for details.

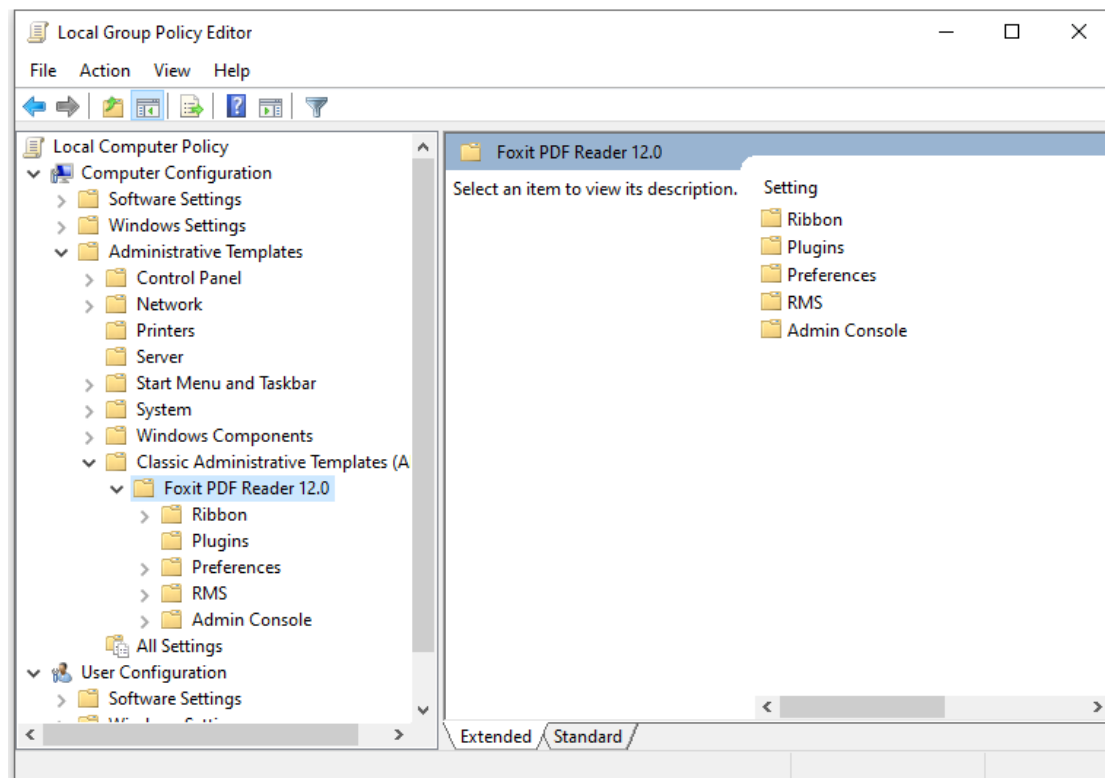
Personal Computer Setting

Foxit PDF Reader offers two types of group policy template: .adm and .admx. Different types are compatible with different operation systems, but have the same settings. The template of .adm file type is compatible with Windows XP and later, while .admx is compatible with Server 2008, Server 2012, Windows 10 and later.

Set Template Preference

For .adm file, follow the steps as below:

- Please click **Start > Run** or use the shortcut key Windows + R and type gpedit.msc to open **Local Group Policy Editor**.
- Right-click the management template and choose **Add/Remove Templates** in the context menu. In the opened dialogue box, add the group policy template of Foxit PDF Reader (Foxit PDF Reader.adm). The Foxit PDF Reader template will appear in the left navigation pane and you can set its template preferences.



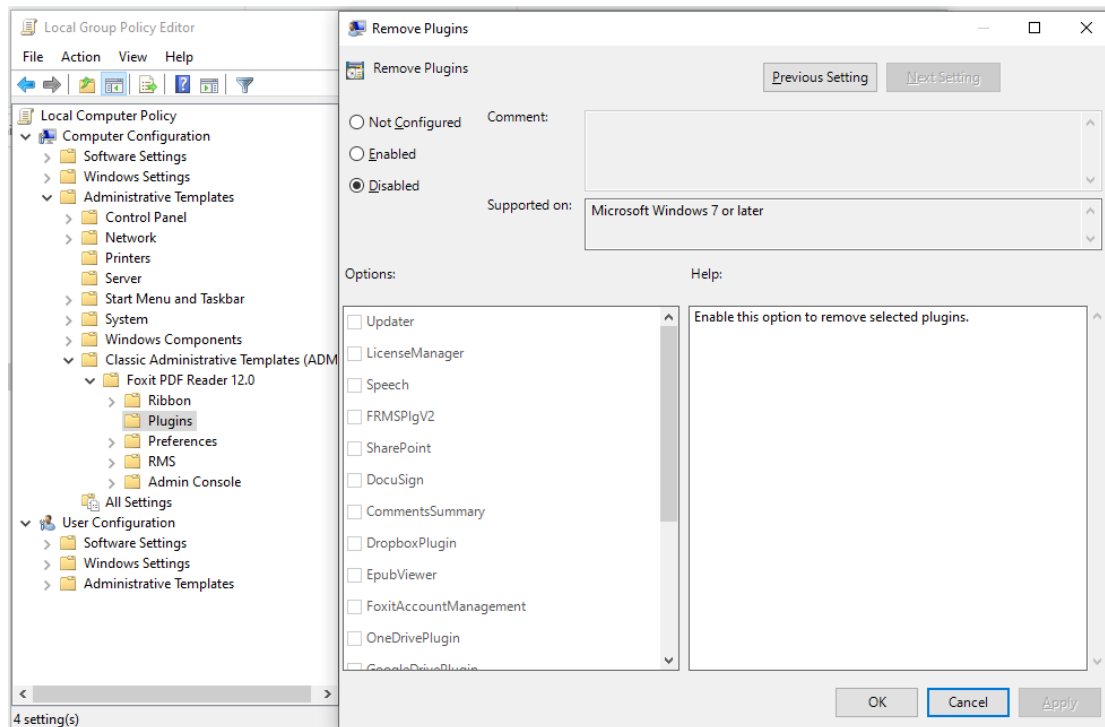
For .admx file, put the .admx file in C:\Windows\PolicyDefinitions and do the setting. The .admx file should be used in combination with an .adml file. And the .adml file should be put in C:\Windows\PolicyDefinitions\language. For example, if in the English OS, the .adml file should be put in C:\Windows\PolicyDefinitions\en_us.

See **Set Plugins** as an example for other options are configured in the same fashion.

- Choose **Foxit PDF Reader 12.0 > Plugins**.
- Double-click **Remove Plugins** to open the dialog box.
 - Select **Enabled**, check the submenus to be removed in the **Options**, and click **OK** or **Apply**. The corresponding submenu items will then be removed from Foxit PDF Reader.

Note: If you select all the submenus in the **Options** and confirm the configuration, all of the submenus will be removed.

- If you select **Disabled** or **Not Configured**, no changes will be applied to Foxit PDF Reader.

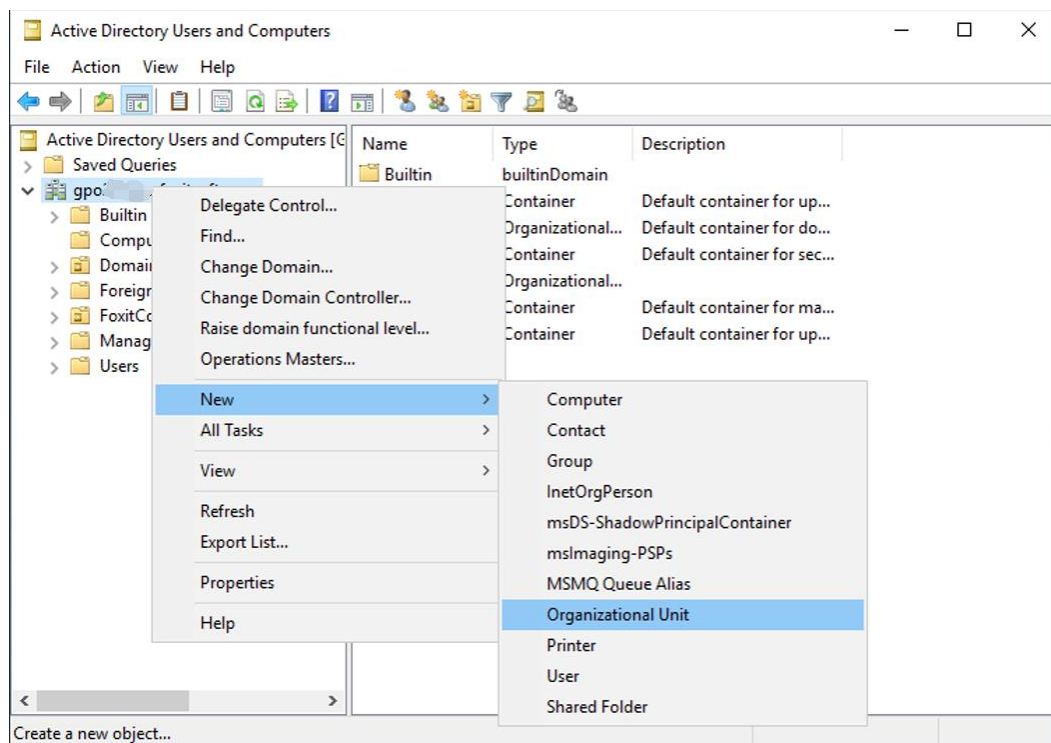


Note: Group Policy setting includes computer configuration and user configuration. Computer configuration takes precedence over user configuration. The application will use the computer configuration if both the computer and user configure a specific function at the same time. Please note that if the option **Disabled** is a valid configuration, the setting will be shown in the help information. Otherwise, the corresponding registry entry will be removed as selecting Unconfigured. (The value of the option Disabled in the Group Policy Template of Foxit PDF Reader is invalid.) Foxit PDF Reader will retain all your configuration settings when you upgrade it to a new version.

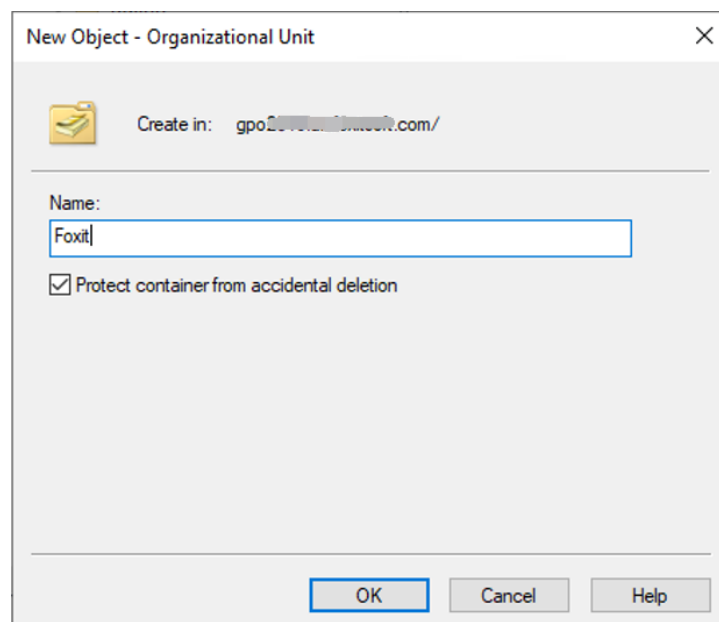
GPO Deployment (for Server)

Create GPO Management

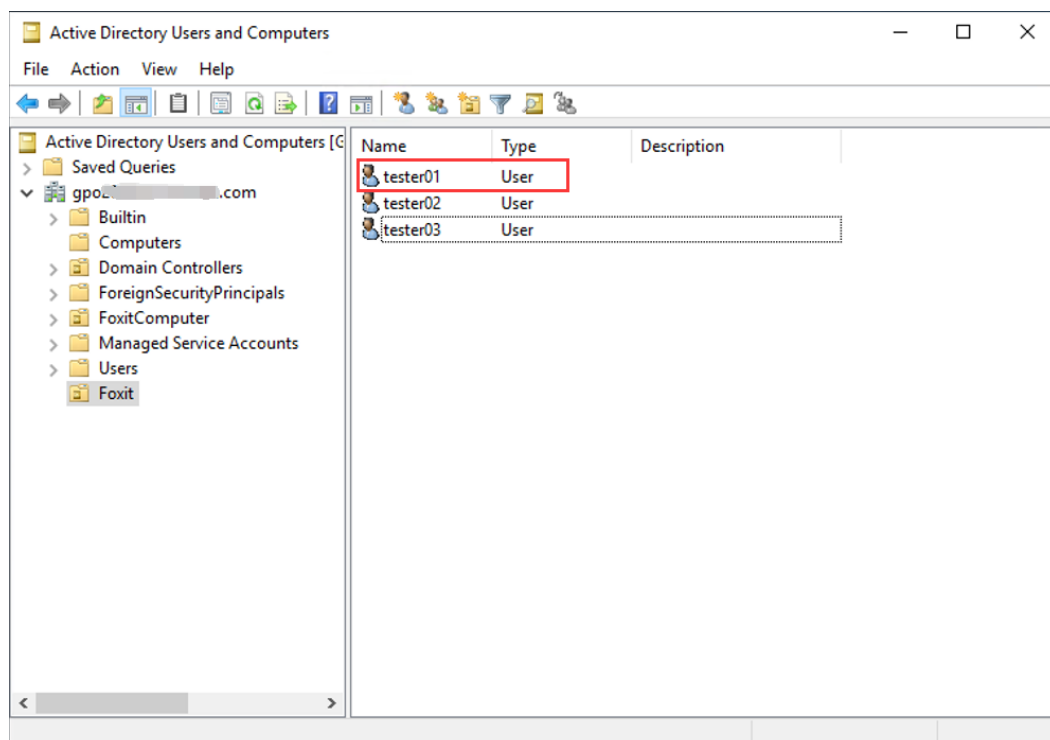
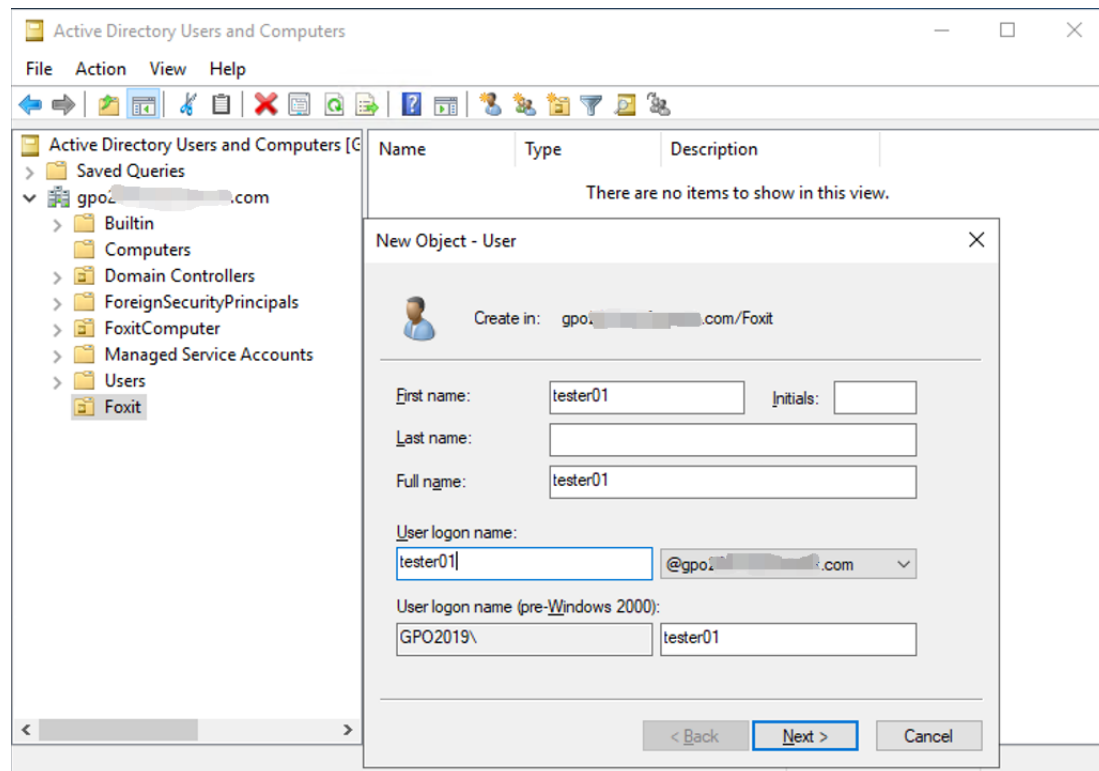
- If you already have an Active Directory domain and organizational unit configured, please skip to “Apply the Foxit Template” section.
- Choose **Start > Windows Administration Tools > open “Active Directory Users and Computers” > right-click your domain > choose New > Organization Unit.**



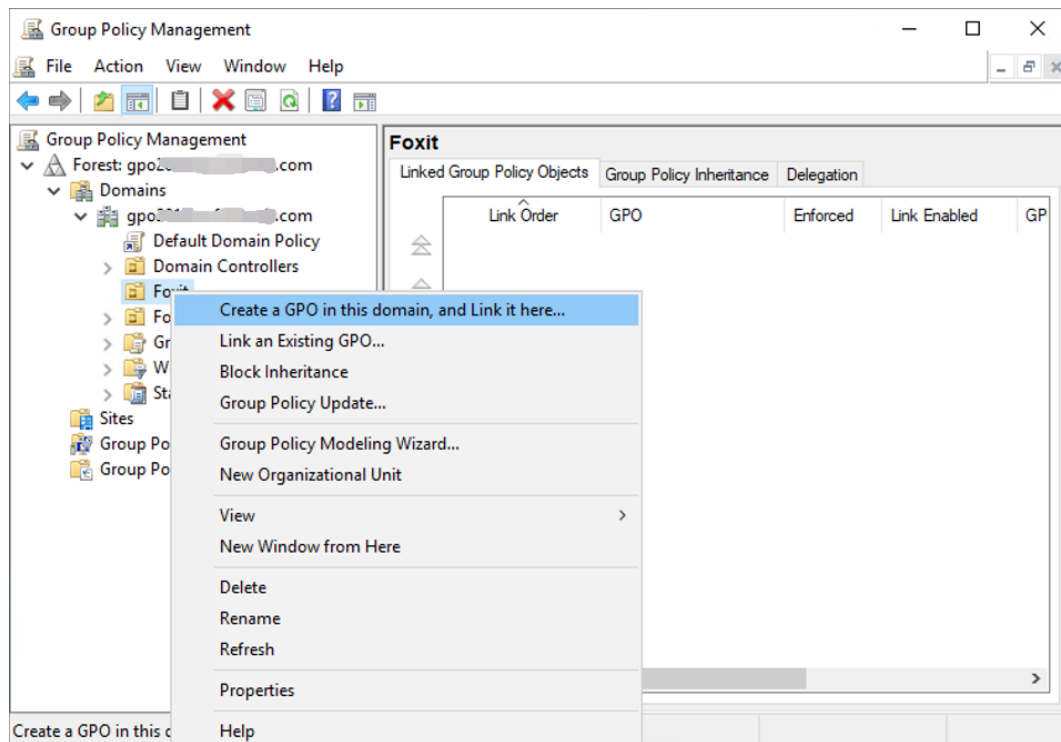
- In the opened **New Object-Organization Unit** dialogue box, type the unit name (For this example, we have named the unit "Foxit") and click **OK**.



- Right click the created organization unit "Foxit" and choose **New > User**.
For this example, we have named the user "tester01".



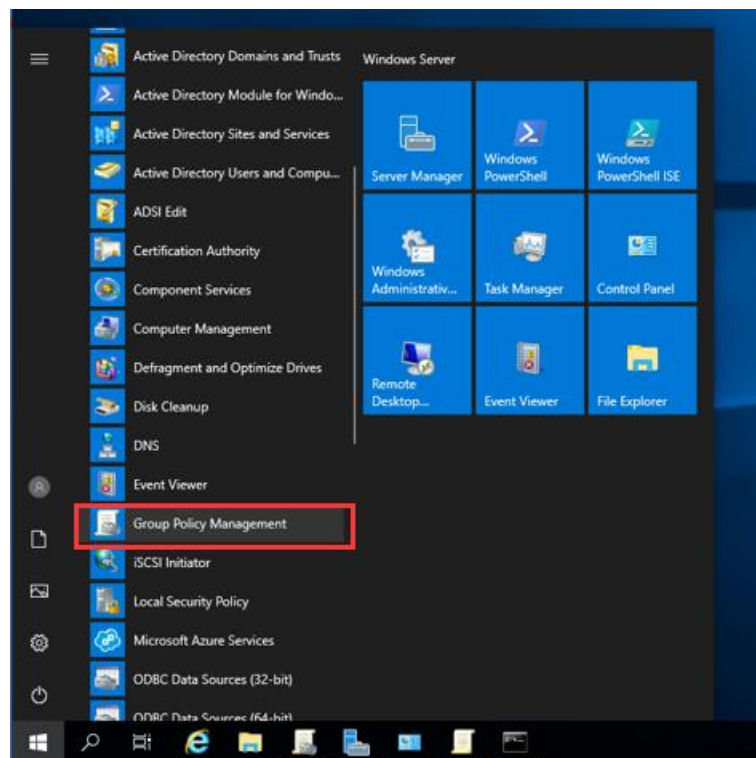
- Click **Start > Windows Administrative Tools** > open the Group Policy Management Console and right-click the created organization unit “Foxit” and choose **Create a GPO in this domain, and Link it here...**



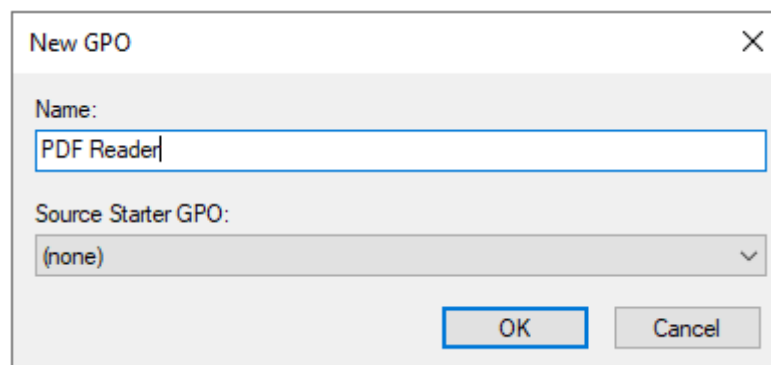
If you cannot find the Group Policy Management in Administration Tools, please install the application package GPMC.MSI. You can download the package by clicking the link <http://www.microsoft.com/en-us/download/details.aspx?id=21895>.

Note: To deploy Foxit PDF Reader's installers or plugins through GPO, please refer to the instructions [here](#). You can also perform the deployment through [Microsoft Intune](#) or [Configuration Manager](#). Configuration Manager was previously named System Center Configuration Manager (SCCM) and now is part of Microsoft Endpoint Manager.

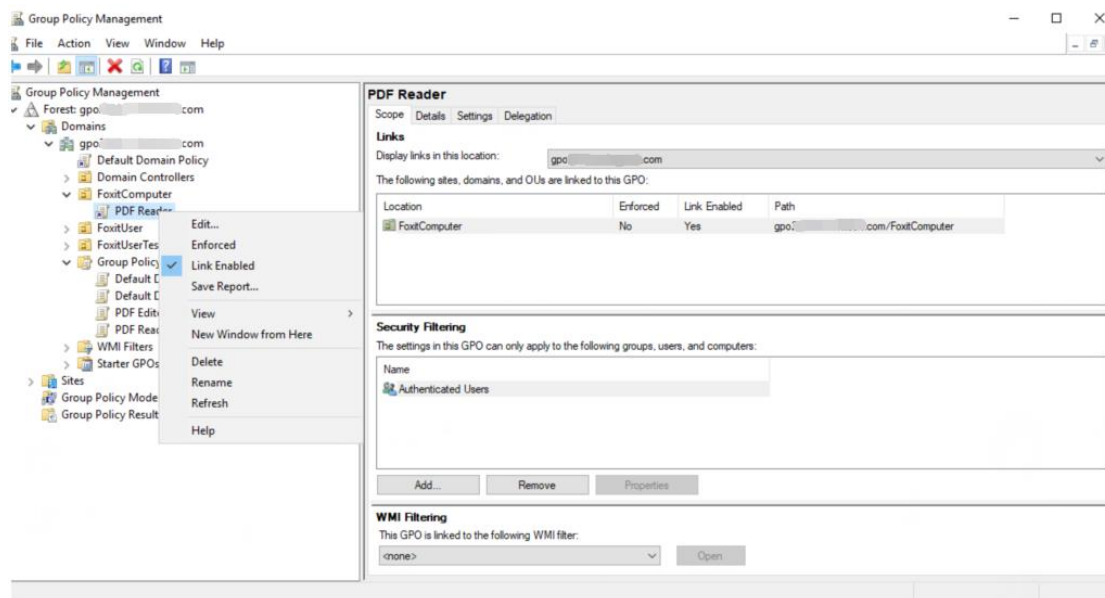
Apply the Foxit Template



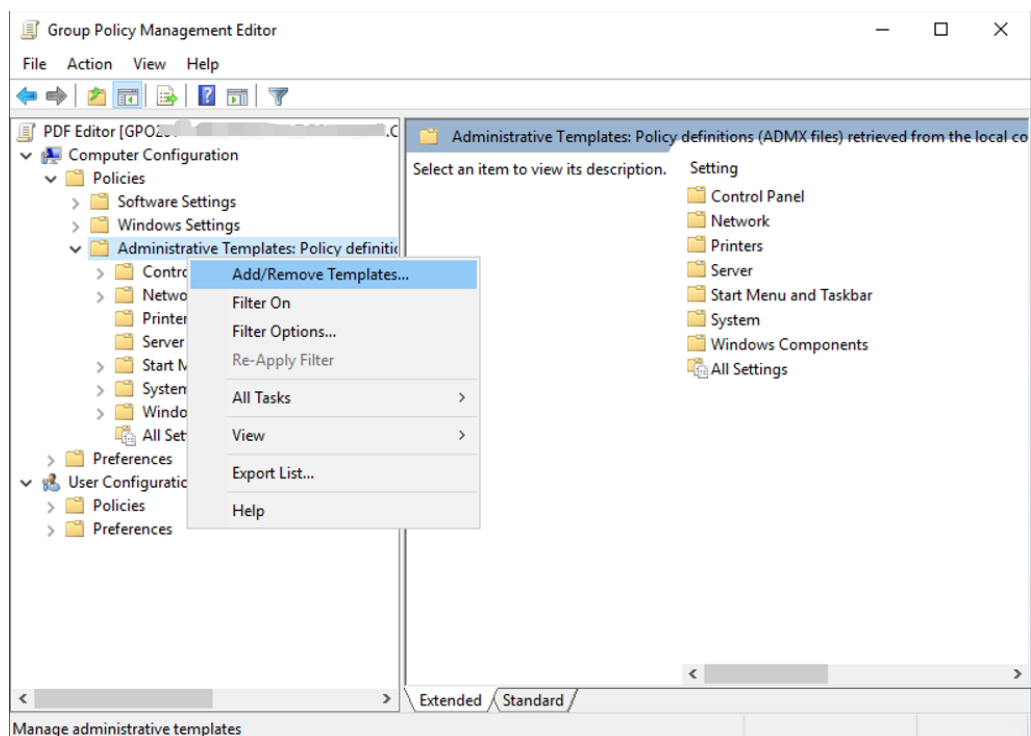
- Type the GPO name in the **New GPO** dialogue box and click **OK**.



- Right-click the new GPO and choose **Edit** in the right-click menu to open Group Policy Editor.



- Right-click the **Template Management** and choose **Add/Remove Templates** to add Foxit PDF Reader template. Please refer to [Set Template Preference](#).



- For configuring options, please refer to Example: [Set Plugins](#).

GPO Items

The following table shows the deployable options and their functions in GPO to speed up your working process.

Items in GPO Template

Folder Path	Item	Description
Foxit PDF Reader > Ribbon	Tab Elements (the items on Title Bar such as the Quick Access Toolbar and search field)	Choose "Enabled" to configure the features in Ribbon. Choose "Hide this feature" to hide this feature in Ribbon.
	Ribbon Category (the command items in each tab on the ribbon)	Choose "Add to Quick Access Toolbar" to add this feature to Quick Access Toolbar.
Foxit PDF Reader > Plugins	Configure SharePoint server URL	Configure a server URL for SharePoint. The changes will be synchronized to the corresponding settings under File > Open or Save As > Add a place > SharePoint .
	Configure Alfresco server URL	Configure a server URL for Alfresco. The changes will be synchronized to the corresponding settings under File > Open or Save As > Add a place > Alfresco .
	Remove Specific Plugins	Input the plugin name which needs to be removed. Only applications with .fpi extensions can be removed from Foxit PDF Reader.
	Remove Plugins	Remove selected plugins.
Foxit PDF Reader > Preferences > Features which require internet connection	Itself	Specify whether to enable all the features which require an Internet connection. This will change the corresponding setting in Preferences > General .
	SubItem	Specify the features that allow Internet connection. The specified features will be allowed to access the Internet even though you have disabled all features which require an Internet connection.
Foxit PDF Reader > Preferences > File	Default PDF Viewer	Set Foxit PDF Reader as the default PDF viewer for 'System PDF Viewer' and

Association		'Web Browser PDF Viewer'.
Foxit PDF Reader > Preferences > File Association	Disable default PDF viewer switching	Enable this option to disable the ability to change the specified default handler (PDF viewer).
Foxit PDF Reader > Preferences > File Association	Forbid Checking of Default PDF Viewer	Hide the 'Set to Default PDF Reader' dialog when Foxit PDF Reader isn't the default PDF viewer.
Foxit PDF Reader > Preferences > Update Settings	Updater	Specify how to install the update when a new version is available. This will lock end users' ability to change the settings in Preferences > Updater > Automatically Update.
Foxit PDF Reader > Preferences > Privileged Locations	Add to Privileged Locations	Enable this option to configure the privileged locations, and lock end users' ability to change the settings in Preferences > Security > Privileged Locations.
Foxit PDF Reader > Preferences > Privileged Locations	Lock Privileged Locations	Enable this option to lock the end user's ability to add files, folders, and hosts as a privileged location to prevent them from continuing to assign trust. This will change the corresponding setting in Preferences > Security > Privileged Locations.
Foxit PDF Reader > Preferences	'About Foxit Reader' Dialog	Set the new contents in 'About Foxit PDF Reader' dialog.
Foxit PDF Reader > Preferences	Advertisement	Change the settings of advertisement in right corner of the tab bar.
Foxit PDF Reader > Preferences	Application Language	Change the application language settings. This will change the setting item in Preferences > Languages.
Foxit PDF Reader > Preferences	Change high DPI settings	Enable this option to change the high DPI settings for Foxit PDF Reader.
Foxit PDF Reader > Preferences	Change The Link For User Manual	Enable this option to change the link of User Manual to the local link you want.
Foxit PDF Reader > Preferences	Disable editing Manage Sites	Enable this option to disable and lock the end user's ability to specify the default behavior for accessing the Internet from PDFs.
Foxit PDF Reader > Preferences	Disable Security Warning	Enable this option to disable the security warning when Foxit PDF Reader is launched by a third-party application without a valid digital

		signature.
Foxit PDF Reader > Preferences	Do not use QuickTime Player for multimedia items	Enable this option to disable using QuickTime Player for multimedia items.
Foxit PDF Reader > Preferences	Enable creating self-signed digital IDs	Disable this option to forbid the end-user to select "Create a new Digital ID" option in "Add ID" workflows.
Foxit PDF Reader > Preferences	Enable Safe Reading Mode	Change the settings of Safe Reading Mode.
Foxit PDF Reader > Preferences	Filter Comments by the original author only	Enable this option to filter comments made by the original author only. Disable this option to filter comments made by all participants. This will change the corresponding setting in Comment > Filter window.
Foxit PDF Reader > Preferences	JavaScript Action	Specify whether to allow the running of JavaScript in PDF files. This will change the corresponding setting in Preferences > JavaScript > Enable JavaScript Actions .
Foxit PDF Reader > Preferences	Load trusted certificates from Foxit server	Specify whether to load the trusted certificates from Foxit server automatically, and how to update the trusted certificates. This will change the corresponding setting in Preferences > Trust Manager > Automatic Foxit Approved Trust List updates .
Foxit PDF Reader > Preferences	Lock Read Mode in web browsers	Change the Read Mode setting in web browsers. This will change the corresponding setting in Preferences > Documents > Open Settings .
Foxit PDF Reader > Preferences	Lock the Auto-Complete in Form Filling	Enable this option to lock the Auto-Complete feature and disable the corresponding setting in Preferences > Forms .
Foxit PDF Reader > Preferences	Multiple Windows	Enable this option to always open files in a new window. Disable this option to not open files in a new window. This will change the corresponding setting in Preferences > Documents .
Foxit PDF Reader > Preferences	Notification Messages	Enable this option and choose how to deal with the different notification messages. If you unchecked all the options, the notification messages will

		never be shown. This will change the corresponding setting in Preferences > General .
Foxit PDF Reader > Preferences	PDF/A View Mode	<p>Enable this option and specify whether to open documents in PDF/A view mode.</p> <p>Choose “Never” to never open documents in PDF/A view mode.</p> <p>Choose “Only for PDF/A documents” to switch to read-only mode automatically when a PDF/A document is opened.</p> <p>This will change the settings in Preferences > Documents > PDF/A View Mode.</p>
Foxit PDF Reader > Preferences	Program Name	Change the program's name. The default is 'Foxit PDF Reader'.
Foxit PDF Reader > Preferences	Protected View	Enable this option to turn on protected view in order to protect your computers from being harmed by files originated from potentially unsafe locations. This will change the setting in Preferences > Security > Protected View .
Foxit PDF Reader > Preferences	Require password to use signatures	Enable this option to require users to set a password for the signature while creating a new signature. This will change the setting of 'Require password to use this signature' in Foxit eSign or Fill & Sign > Create Signature > Options .
Foxit PDF Reader > Preferences	Remove 'Registration'	Forbid 'Registration' dialog and remove 'Registration' item from 'Help' tab.
Foxit PDF Reader > Preferences	Share the PDF file that caused crash	Enable this option to always share the PDF file that caused crash. This will change the corresponding setting of 'Share the PDF file that caused this crash' option in Crash Report.
Foxit PDF Reader > Preferences	Show Start Page	Change the settings of Start Page.
Foxit PDF Reader > Preferences	Status Bar	Change the settings of Status Bar.

Foxit PDF Reader > Preferences	Trusted Applications	Enable this option and input the name of the trusted application in the list. The listed application will be adding in the Trusted Apps in Preferences > Trust Manager settings.
Foxit PDF Reader > Preferences	Use GDI+ Output for all types of printers	Enable this option to use GDI+ output for PS driver printers (excluding PCL driver printer). This will change the corresponding setting in Preferences > Print .
Foxit PDF Reader > Preferences	User Experience Improvement	Change the settings for anonymous data collection. This will change the corresponding setting in Preferences > General .
Foxit PDF Reader > RMS > Preferences	Add 'protected' to the name of encrypted files	Append "(protected)" to the end of the file name of encrypted files.
Foxit PDF Reader > RMS > Preferences	AIP default and mandatory labeling	Enable this option to allow users to set up default and mandatory labeling.
Foxit PDF Reader > RMS > Preferences	Encrypt Metadata	Encrypt document metadata. This disables the setting in ' Preferences > AIP Setting '.
Foxit PDF Reader > RMS > Preferences	Microsoft IRM Protection	Enable this option to choose Microsoft IRM Protection Version for document encryption. If not defined, Microsoft IRM Protection Version 2 (PPDF) is used.
Foxit PDF Reader > RMS > Preferences	RMS Interoperability	If you enable this option, all the encrypted PDFs will conform to Microsoft IRM Protection for PDF Specification and hence be able to be decrypted by other RMS Viewer.
Foxit PDF Reader > RMS > Preferences	Save As	Turn on the Save As feature for AIP protected files.
Foxit PDF Reader > Admin Console	Admin Console server	Set the default Admin Console server. The end users can use this server URL to connect to their enterprise Admin Console server.
Foxit PDF Reader > Admin Console	Update server	Set the path of update server.

Using Foxit Customization Wizard

Foxit Customization Wizard (hereafter, "the Wizard") is a configuration utility for customizing (configuring) the Foxit PDF Editor or Foxit PDF Reader installer before large scale deployment. For example, you can license the product on a volume scale with the Wizard so that you do not need to register and personalize each copy of the installation. Foxit PDF Editor or Reader will retain all your configuration settings when you upgrade it to a new version.

The Wizard allows enterprise IT administrators to do the following:

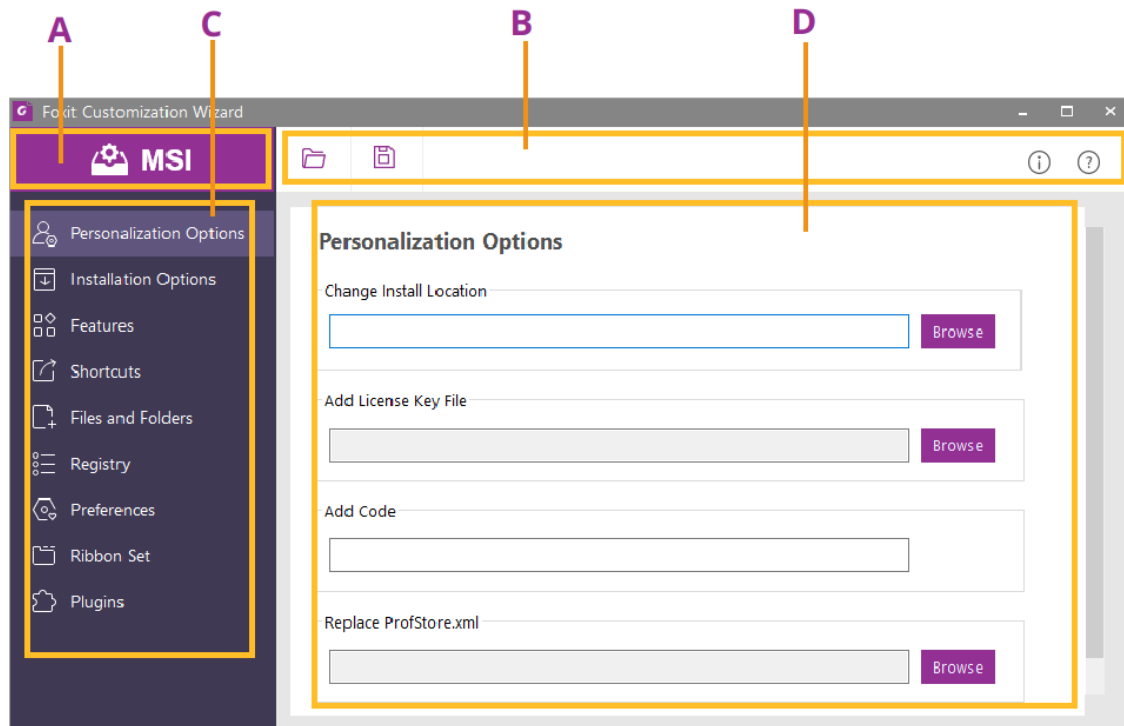
- Modify an existing MSI package and save all the modifications into a transform file (.mst).
- Directly configure settings from scratch and save all the configurations as an XML (.xml) file.
- Customize settings based on an existing XML (.xml) file.
- Configure which digital ID files are allowed to use.

Get started

Run the Wizard, you will see the following options on the Welcome page:

- MSI
- XML Editor for Foxit PDF Editor
- XML Editor for Foxit PDF Reader
- SignITMgr


Please select one option to begin. Take **MSI** for example. After you open an MSI installer, you will see the Wizard workspace below.



A. Title Bar B. Menu Bar C. The Navigation bar D. The main work area

The workspace is made up of four parts: Title Bar, the top Menu bar, the Navigation bar, and the main work area.

1. The **Title bar** in the top left corner shows the corresponding option you choose on the Welcome page.
2. The top **Menu bar** provides key menu options, like "Open", "Save", "Information", and "About".
3. The left-hand **Navigation bar** links to the specific configurable options.
4. The **Main Work Area** displays configurable options according to the configuration settings you choose.

For more detailed instructions, please click the  icon on the top Menu bar and choose **User Guide**, which covers all features included in Foxit Customization Wizard.

Contact Us

Feel free to contact us should you need any information or have any problems with our products. We are always here, ready to serve you better.

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- **E-mail:**
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