# Foxit PDF Secure RMS Protector

# (SharePoint Extensions)

**User Manual** 

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Anti-Grain Geometry - Version 1.1

Copyright (C) 2002-2005 Maxim Shemanarev (http://www.antigrain.com)

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## **Chapter 1 - Overview**

Traditionally, sensitive information can only be controlled by limiting access to the networks or computers where the information is stored. After access is given to users, however, there are no restrictions on what can be done with the content or to whom it can be sent. Microsoft Information Rights Management (IRM) enables you to create a persistent set of access controls that live with the content, rather than a specific network location, which will help you control access to files even after they leave your direct control.

Foxit PDF Secure RMS protector extends all the benefits of AD RMS to any PDF document. In addition, Foxit PDF Secure RMS protector provides creation and control of rights to unique PDF features.

Microsoft's Active Directory Rights Management (AD • RMS) solves security problems for enterprise documents created in Microsoft Office. With the inclusion of AD RMS in Windows Server2008, AD RMS has quickly become the default standard for document rights protection.

For the enterprises, they can enforce security policies easily to protect sensitive information, as well as enable each PDF document with additional features such as forms fill out and annotations.

## **Chapter 2 - Getting Started**

This section provides system requirements, install and uninstall instructions for the RMS Protector.

## **4** System Requirements for MOSS 2007

Computer	Operating System	Requirement			
RMS Server/ ADRMS	Windows Server •2003	RMS, Internet Information			
Server	with Service Pack • 1	Services (IIS) 6.0, World Wide			
	(SP1)/Windows	Web Publishing Service,			
	Server • 2008 with	Message Queuing (also known			
	Service Pack • 1 (SP1)	as MSMQ), and Microsoft SQL			
		Server™ • 2005 Standard Edition			
DC	Windows Server •2003	Active Directory, Domain Name			
	with SP1	System (DNS)			
ADRMS-DB	Windows • Server • 20	Microsoft SQL Server™ • 2005			
	03 with SP1	with Service Pack • 2 (SP2)			
SharePoint Server	Windows Server •2003	Office SharePoint Server • 2007			
Such as named	with SP1	with RMS Client installed, and			
SPS-SRV		has been added this Server to			
		DC			

## **4** System Requirements for MOSS 2010

Computer	Operating System	Requirement		
ADRMS Server	Windows Server •2008	RMS, Internet Information		
	with Service Pack • 1	Services (IIS) 6.0, World Wide		
	(SP1)	Web Publishing Service,		
		Message Queuing (also known		
		as MSMQ)		
DC	Windows Server •2003	Active Directory, Domain Name		
	with SP1	System (DNS)		
ADRMS-DB	Windows • Server • 20	Microsoft SQL Server™ •2008 R2		
	08 with SP1			
SharePoint Server	Windows Server •2008	Office SharePoint Server • 2010		
Such as named	with SP2	and has been added this Server		
SPS-SRV		to DC		

## Corresponding permissions of Foxit PDF Secure RMS Reader and MOSS

SharePoint service provides three levels rights: Full control, Change, and Read.

Level	Rights of Foxit PDF Secure RMS Reader
Full control	View, Copy, Modify, Print, View Data, Access, Annotate, Fill
	Form, Assemble
Change	View, Copy, Modify, Access, Annotate, Fill Form, Assemble
Read	View

The user only can print the document if its library IRM settings have been configured to allow document printing.

## Installing Foxit PDF Secure RMS Protector

## on a SharePoint Server

To install Foxit PDF Secure RMS Protector:

- Stop the IIS Admin service: Start > Settings > Control Panel > Administrator Tools > Services > IIS Admin Service > Stop. Then Close the window.
- Run the Foxit PDF Secure RMS Protector Setup program to install the protector on the server.

Velcome to the Foxit F Sharepoint extensions			ctor S
he installer will guide you through the Sharepoint extensions) on your compt		all Foxit PDF Secu	re RMS Protector
/ARNING: This computer program is nauthorized duplication or distributior r criminal penalties, and will be prosed	n of this program, or a	ny portion of it, may	result in severe civil

- Download PDF icon from <u>http://www.foxitsoftware.com/pdf/ifilter/pdficon.gif</u>.
- For MOSS 2007,
  - copy the downloaded.GIF file to "Drive:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\Template\Images".

2. Edit the file "Drive:\Program Files\Common Files\Microsoft Shared\Web server extensions\12\Template\Xml\DOCICON.XML":

- a. Right-click DOCICON.XML file > click Open With > select Notepad.
- b. Add an entry for the .pdf extension as the file's name. For example, type the ICPDF as the name of the .gif file:

<Mapping Key="pdf" Value="pdficon.gif"/>

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c. Click Save on the File menu, and then quit Notepad.

- For MOSS 2010,
  - copy the downloaded.GIF file to "Drive:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\Template\Images"
  - 2. Edit the file "Drive:\Program Files\Common Files\Microsoft Shared\Web server extensions\14\Template\Xml\DOCICON.XML":
    - a. Right-click DOCICON.XML file > click Open With > select Notepad.

b. Add an entry for the .pdf extension as the file's name. For example, type the ICPDF as the name of the .gif file:

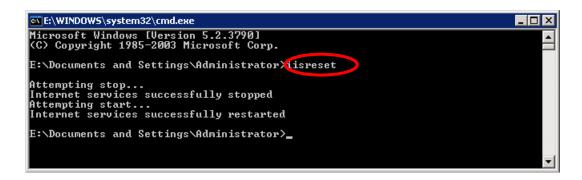
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c. Click Save on the File menu, and then quit Notepad.

3. Perform an iisreset:

1. Click Start > Run > type "cmd" in the Open dialog box> click OK > type "isreset" at the command prompt > Enter.



2. Close the windows.

## **4** Uninstalling Foxit PDF Secure RMS Protector

To uninstall:

- Open the Start Menu > Settings > select "Control Panel".
- Click the "Add or Remove Programs" tab.
- Click the "Foxit PDF Secure RMS Protector" record and then click the "Remove/Uninstalled" button to uninstall it.

Or you can double-click the SharePointPDFProtector.msi setup file that you have used to install Foxit PDF Secure RMS Protector, and perform the following:

• In the Foxit PDF Secure RMS Protector dialog box, select Remove Foxit PDF Secure RMS Protector

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• Click Finish button to complete removal.

- Check the version of Foxit PDF Secure RMS Protector
- Please navigate to the folder where Foxit PDF Secure RMS Protector installed. Right-click PDFProtector.dll > choose Properties > click the Details tab, then you can examine the version information of Foxit PDF Secure RMS Protector:

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## Chapter 3 - Configuring AD RMS to Work with SPS-SRV

**Note:** If you have configured AD • RMS when you were installing SharePoint, please skip this chapter.

## **4** For MOSS 2007

### To add SPS-SRV to Local Intranet

- Log on SPS-SRV as domain administrator, e.g., WIONS\administrator.
- Click Start. Point to Control Panel, and then click Internet Options.
- Click the **Security** tab, and choose **Local Intranet**, and then click the **Sites** button
- Type **http://SPS-SRV**, and then click **Add**. Note: SPS-SRV is the computer's name of MOSS server.
- Click Close, and then choose OK

### To add SPS-SRV to the AD · RMS Certification Pipeline

4. Log on ADRMS-SRV as CPANDL\Administrator.

- 5. Click **Start**, and then click **Computer**.
- 6. Navigate to C:\Inetpub\wwwroot\\_wmcs\Certification.
- 7. Right-click **ServerCertification.asmx**, and choose **Properties**, and then click the **Security** tab.
- 8. Click **Advanced**>**Edit**, and select the check box **Include inheritable permissions from this object's parent**. Then click **OK** two times.
- 9. Click Edit, and then click Add.
- 10. Click **Object Types**, and select the check box **Computers**, then click **OK**.
- 11. Type the computer's name of MOSS server, such as **SPS-SRV**, and then click **OK**.

12. Click **OK** to close the **ServerCertification.asmx Properties** sheet.

The default Read & Execute and Read permissions are configured for the SPS-SRV computer account object and other accounts' are all inherited from the parent folder.

- 13. Click Start, and then click Command Prompt.
- 14. Type **iisreset**, and then press ENTER.

## To activate Information Rights Management in Office SharePoint Server 2007

Please do the following:

- 15. Log on SharePoint Server as the administrator.
- 16. Click **Start**, and point to **Administrative Tools**, then click **SharePoint 3.0 Central Administration**.
- 17. Click **Operations**, and choose **Information Rights Management**.
- 18. Click Use the default RMS server specified in Active Directory.
- 19. Click **OK**.

#### To restrict permissions using AD · RMS

- Log on as CPANDL\administrator.
- Click Start, point to All Programs, and then click Internet Explorer.
- Type http://SPS-SRV in the address bar, and then click Go.
- Click Shared Documents, and choose Library page, and then click Library Settings button.
- Under the **Permissions and Management** heading, click **Information Rights Management**.
- Select the check box **Restrict permission to documents in this library on download**.
- Type **CPANDL Protected** in the **Permissions policy title** box.
- Type **Restrict CPANDL employees from printing** in the **Permission policy description** box.
- Click **OK**.

## **4** For MOSS 2010

### To add SPS-SRV to Local Intranet

- Log on SPS-SRV as domain administrator, e.g., CPANDL\administrator.
- Click Start, and point to Control Panel, then choose Internet Options.

- Click the **Security** tab, and choose **Local Intranet**, and then click the **Sites** button.
- Type **http://SPS-SRV**, and then click **Add**. Note: SPS-SRV is the computer's name of MOSS2010 server.
- Click **Close**, and then click **OK**.

### To add SPS-SRV to the AD · RMS Certification Pipeline

- 20. Log on ADRMS-SRV as CPANDL\Administrator.
- 21. Click Start, and then click Computer.
- 22. Navigate to C:\Inetpub\wwwroot\\_wmcs\Certification.
- 23. Right-click **ServerCertification.asmx**, and click **Properties**, then choose the **Security** tab.
- 24. Click **Advanced** and choose the **Edit**. Select the check box **Include inheritable permissions from this object's parent**, and then click **OK** two times.
- 25. Click Edit, and then click Add
- 26. Click **Object Types**, select the check box **Computers**, and then click **OK**
- 27. Type the computer's name of MOSS server, such as **SPS-SRV**, and then click **OK**
- 28. Click **OK** to close the **ServerCertification.asmx Properties** sheet. The default Read & Execute and Read permissions are configured for the SPS-SRV computer account object and other accounts are all inherited from the parent folder.
- 29. Click Start, and then click Command Prompt.
- 30. Type **iisreset**, and then press ENTER

## **To activate Information Rights Management in Office SharePoint Server 2010**

Please do the followings:

- 31. Log on SharePoint Server as administrator.
- 32. Click **Start**, and point to **Administrative Tools**, then click **SharePoint 2010 Central Administration**.
- 33. Click Security (on the left), and then click Configure Information Rights Management under the Information policy heading.
- 34. Click Use the default RMS server specified in Active Directory.

### 35. Click **OK**.

### To restrict permissions using AD · RMS

- Log on as CPANDL\administrator.
- Click **Start**, point to **All Programs**, and then click **Internet Explorer**.
- Type **http://SPS-SRV** in the address bar, and then click **Go**.
- Click Shared Documents, and choose Library page, and then click Library Settings button.
- Under the **Permissions and Management** heading, click **Information Rights Management**.
- Select the check box **Restrict permission to documents in this library on download**.
- Type **CPANDL Protected** in the **Permissions policy title** box.
- Type **Restrict CPANDL employees from printing** in the **Permission policy description** box.
- Click **OK**.

## Chapter 4 - Working with Foxit PDF Secure RMS Protector

## **4** For MOSS 2007

### To add the domain user to SharePoint site

- 36. In the same Office SharePoint Server 2007 site, click Home.
- 37. Click **Site Actions** and point to **Site Settings**, and then click **People and Groups**.
- 38. Click **New**, and then choose **Add Users**.
- 39. Type domain users' names, such as **Ind1@cpandl.cn;Ind2@cpandl.cn** in the **Users/Groups** box, and then click **OK**. A list of users who have the permission to use the SharePoint will be displayed.

Home > Site Settings > Permissions > Add Users	
Add Users: Home	
Use this page to give new permissions.	
Add Users You can enter user names, group names, or e-mail addresses. Separate them with semicolons. Add all authenticated users	Users/Groups: Ind1@cpandl.cn;Ind2@cpandl.cn &/ Q
Give Permission Choose the permissions you want these users to have. You can add users to a SharePoint group (which is already assigned to a permission level), or you can add users individually and assign them to a specific permission level.	Give Permission  Add users to a SharePoint group  Home Members [Contribute]
SharePoint groups are recommended as they allow for ease of permission management across multiple sites.	View permissions this group has on sites, lists, and items C Give users permission directly Full Control - Has full control. Design - Can view, add, update, delete, approve, and customize. Manage Hierarchy - Can create sites and edit pages, list items, and documents. Approve - Can edit and approve pages, list items, and documents. Contribute - Can view only.
	<ul> <li>Read - Lat Yeer Unity.</li> <li>Result - Can Yeev pages and documents, but cannot view historical versions or review user rights information.</li> <li>Weev Only - Members of this groups can weep pages, list karms, and documents. If the document has a server-side file handler available, they can only view the document using the server-side file handler.</li> </ul>

### To set the group permission in SharePoint site

40. Navigate to the **Documents** page, log on as administrator@cpandl.com, clicking the **Settings** drop-down box and select **Document Library Settings**.

Home							
🏄 Document Cent	er						All Sites
Home Document Center	News •	Reports	Search	Sites			,
		iments		Docume	nts		
View All Site Content	Share a c	document with	n the team	by addin	ig it to tl	nis document library.	
Site Hierarchy	New -	Upload	Action	ns 🔹	Setting	5 <b>*</b>	
<ul> <li>Documents</li> <li>Announcements</li> <li>Tasks</li> </ul>		Vame aaaa I NEW activePDF-Too Heee This documeni				Create Column Add a column to store additional information about each item. Create View Create a view to select columns, filters, and other display settings. Document Library Settings Manage settings such as permissi columns, views, and policy.	11:59 AM 4:36 PM 12:03 PM :26 PM

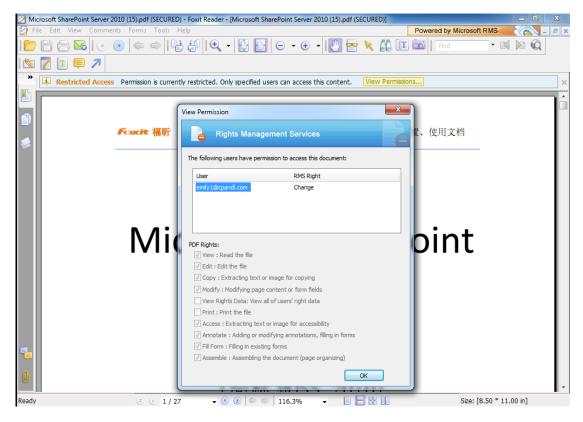
- 41. Click **Permissions for this document library** under Permissions and Management on the Customize Documents page.
- 42. Please click **Home Members** on "Permissions: Documents" page.
- 43. Please choose the permission you need, for example, you can choose the **Contribute-Can view, add, update, and delete**. Then click **OK**.

Home		Welcome administrator 🔻   My Site   My Links 🔻   🔞
🏄 Document Cei	nter	
Home Document Cento	er News - Reports Search Sites	Site Actions *
	Home > Document Center > Documents > Settings > Permissions > Edit Permissions Edit Permissions: Documents	
	Users or Groups The permissions of these users or groups will be modified.	Users: Home Members
	Choose Permissions Choose the permissions you want these users or groups to have.	Permissions:         Full Control - Has full control.         Design - Can view, add, update, delete, approve, and customize.         Manage Hierarchy - Can create sites and edit pages, list items, and documents.         Approve - Can edit and approve pages, list items, and documents.         Contribute - Can view, add, update, and delete.         Read - Can view only.         Restricted Read - Can view pages and documents, but cannot view thorical versions or review user rights information.         View Only - Members of this group can view pages, list items, and documents. If the document has a server-side file handler.         addiable, they can only view the document using the server-side file handler.
		OK Cancel

44. Return to **Documents** page, log on as Ind1@cpandl.com, to download a pdf file to your host.

Home						Welcome Ind1 >  M	y Site   My Lin
📁 Document Cent	ter			All Sites	•		🔎 Advanc
Home Document Center	News - Rep	orts Search Sites					
	Home > Docume	ent Center > Documents <b>NtS</b>					
View All Site Content	Share a documer	nt with the team by adding it t	to this document library.				
Site Hierarchy	Actions -					View:	All Documer
Documents	Type Name			Modified		Modified By	
Announcements	🥥 aa			3/12/2009 11:59 AM		administrator	
🕅 Tasks	🥑 🛛 activePD	E-Toolkit	•	3/12/2009 12:03 PM		administrator	
	🗐 Heee	Open Open in <u>N</u> ew Window		3/4/2009 5:26 PM		administrator	
	🗐 🛛 This doc	Save Target As		3/4/2009 2:49 PM		administrator	
		Print Target       Cut       Copy       Copy Shortcut       Peste       Add to Eavorites       Ptoperties					

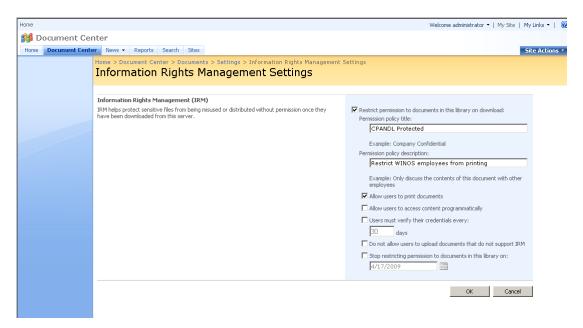
45. Open the download pdf file by Foxit PDF Secure RMS Reader, and left-click **View Permission** to see the **RMS Right**.



### To restrict the print permissions using RMS

- 46. In the same Office SharePoint Server 2007 site, click Home.
- 47. Click Document Center, and then click Documents.
- 48. On the **Documents** page, left-clicking the **Settings** drop-down box and select **Document Library Settings**.

- 49. On settings page, choose **Information Rights Management** under Permissions and Management.
- 50. Choose Allow users to print documents, and then click OK.

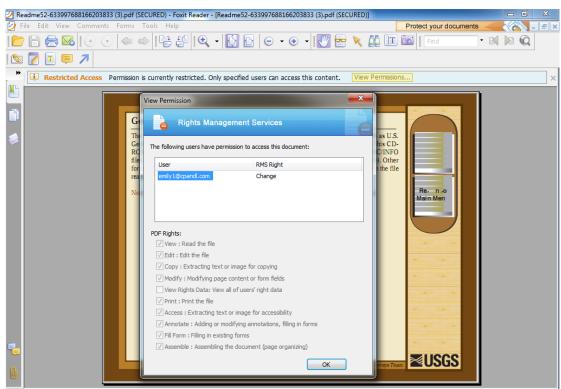


51. Return to **Documents** page, for example log on as Ind1@cpandl.cn, right-click a pdf file and **choose Save Target AS...** to save a pdf file to the local host.

Home			Welcome Ind1  V My Site   My Lin
蠽 Document Ce	nter	All Sites	Advanc
Home Document Cent	ar News ▼ Reports Search Sites		
	Home > Document Center > Documents Documents		
View All Site Content	Share a document with the team by adding it to this document lib	rary.	
Site Hierarchy	Actions -		View: All Documer
Documents	Type Name	Modified	Modified By
Announcements	🥥 aa	3/12/2009 11:59 AM	administrator
🔯 Tasks	activePDF-Toolkit	<ul> <li>3/12/2009 12:03 PM</li> </ul>	administrator
	Heee     Open     Open in New Window	3/4/2009 5:26 PM	administrator
	This docu Save Target As	3/4/2009 2:49 PM	administrator
	Print Target		
	Cut		
	⊆ору		
	Copy Shortcut Paste		
	Add to Eavorites		
	Properties		

52. Open the download pdf file by Foxit PDF Secure RMS Reader. Left-click **View Permission** to view the RMS Right of this file. Please see the following

#### picture.



## **4** For MOSS 2010

### To add the domain user to SharePoint site

- Click Start, and point to All Programs, then click Internet Explorer.
- Type **http://SPS-SRV** in the address bar, and then click **Go**. This operation will open the default Office SharePoint Server 2010 site that was created during installation.
- Click Site Actions, and point to Site Settings, and then click People and Groups under the Users and Permissions heading.
- Click New, and then click Add Users.
- Type domain users' names, such as **Ind1@cpandl.cn;Ind2@cpandl.cn** in the **Users/Groups** box, and then click **OK**. A list of users who have the permissions to use the SharePoint will be displayed.

Select Users	Users/Groups:	
You can enter user names, group names, or e-mail addresses. Separate them with semicolons.	Ind1@cpandl.com	§./
	OK	Cancel

### To set group permission in SharePoint site

Log on as CPANDL\Administrator.

Click **Start**, and point to **All Programs**, and then click **Internet Explorer**.

Type **http://SPS-SRV** in the address bar, and then click **Go**.

Click Shared Documents and Library page, then click Library Settings button.

Site Actions 👻 할	2	Browse	Page								
Edit Check Out	Edit		ame 🖉	Page History Page Permissions Delete Page	E-mail a Link	Make Homepage	Incoming Links	Library Settings	Library Permission:	View All Pages	
Edit			Manage	2	Share & Track	Page A	ctions		Page Libraŋ	/	
Libraries Site Pages Shared Documen	ts	We	lcom	ome to your site!				Go to	Library Settings Go to the Library Settings page for this page's library.		
Lists Calendar Tasks		You ca the ge	in click tting sta	age, change this v on Shared Docum arted section to sh cuments	ents to add file	es or on the	e calendar	to create			
Discussions Team Discussion			Туре	Name			м	odified		Modifi	ed By
ream Discussion				000120_CH 🕮 🛚	EW		1/	5/2011 2	:33 PM	Syster	m Account
Recycle Bin				000228_CHS_2	00520 🕮 NEW		1/	5/2011 2	:43 PM	Syster	m Account
All Site Content		 000436_CHS_AsiaTech_in_Chinese ≝ № 1,				5/2011 2	:45 PM	Syster	n Account		
All Site Conte	nt			000430_CH3_A	ald reen_in_er	inese and	· 1/			0,000	IT Account
All Site Conte	nt			对ifiltts的参数进		Ninese Marke		6/2011 1			n Account
All Site Conte	nt				— — 拒行测试 ≞ NEW	inese and	1/	6/2011 1 6/2011 1	0:23 AM	Syster	

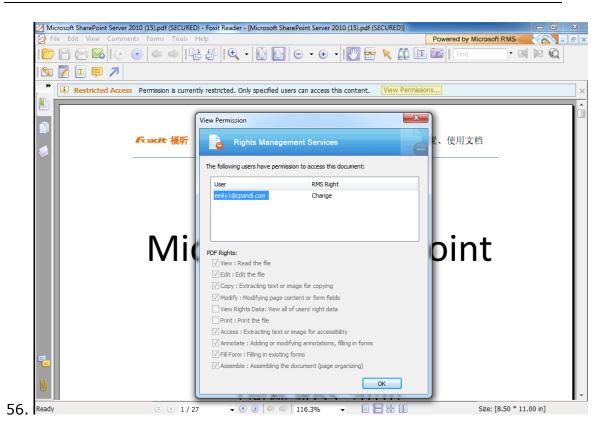
53. Click **Permissions for this document library** under Permissions and Management on Customize Documents page.

		%2DA342%2D9AE13F10B35E%7D,dodib&List=%7BAA3E30E8%2D10E5%7
👌 Favorites 🛛 🚖 🌄 Sug	ggested Sites 👻 🙋 Web Slice Gallery 👻	
👫 Permissions: Site Pages		
	Permission Tools	
Site Actions 👻 📝 🛛 Bro	wse Edit	
	A	
Manage Stop Inheriting	Check	
Manage Stop Inheriting Parent Permissions	Permissions	
Inheritance	Check	
	missions from its parent <u>. (adrms test)</u> d edit files uploaded to wiki pages are controlled by the librar	v the file is uploaded to not the wiki page library
	Name	Type Permission Levels
Libraries		rypo Permission Levels
-	adrms test Members	SharePoint Group Contribute
Site Pages Shared Documents	adrms test Members adrms test Owners	SharePoint Group Contribute SharePoint Group Full Control
		SharePoint Group Full Control
Shared Documents		
Shared Documents Lists Calendar	adrms test Owners adrms test Visitors	SharePoint Group Full Control SharePoint Group Read
Shared Documents	adrms test Owners	SharePoint Group Full Control SharePoint Group Read User Limited Access
Shared Documents Lists Calendar Tasks	adrms test Owners adrms test Visitors System Account (SHAREPOINT\system)	SharePoint Group Full Control SharePoint Group Read
Shared Documents Lists Calendar Tasks Discussions	adrms test Owners adrms test Visitors System Account (SHAREPOINT\system)	SharePoint Group Full Control SharePoint Group Read User Limited Access
Shared Documents Lists Calendar	adrms test Owners adrms test Visitors System Account (SHAREPOINT\system)	SharePoint Group Full Control SharePoint Group Read User Limited Access
Shared Documents Lists Calendar Tasks Discussions	adrms test Owners adrms test Visitors System Account (SHAREPOINT\system)	SharePoint Group Full Control SharePoint Group Read User Limited Access
Shared Documents Lists Calendar Tasks Discussions	adrms test Owners adrms test Visitors System Account (SHAREPOINT\system)	SharePoint Group Full Control SharePoint Group Read User Limited Access

54. Return to **Shared Documents** page, log on as Ind1@cpandl.com(one of ADRMS test Members), to download a pdf file to your load host.

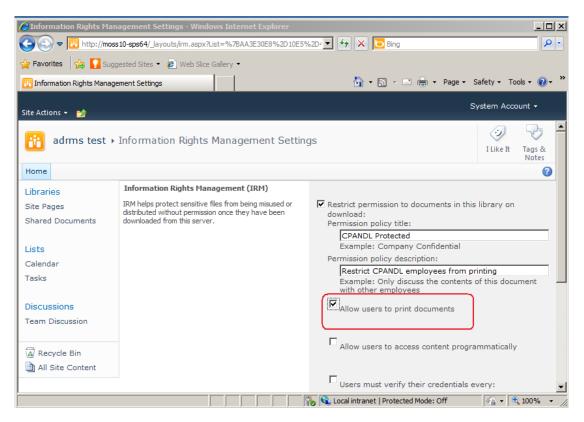
- Home - V	Vindows Internet Explor	er				_ 8
🗓 http://mo	iss10-sps64/SitePages/Hom	e.aspx			💌 🐓 🗶 🔽 Bing	<u> </u>
👍 🌄 Su	ggested Sites 🝷 💋 Web S	Slice Gallery 👻				
- Home					🟠 - 🔝 - 🖃 🚔 - Pag	je • Safety • Tools • 🔞 •
😢 📝	Browse Page					Ind1
ms test	Homo					i 🕖 😼
iis test	Filome			1		I Like It Tags & Notes
			Open Open in New Tab		Search this site	P ()
			Open in New Window			
	Welcome	to your site!	Save Target As			
uments	welcome	to your site:	Print Target			
	Add	change this welcome text or a	Cut Copy	g the edit button above.		
	You can click on SI	hared Documents to add files of section to share your site and		am events. Use the links in		
	the getting started	section to share your site and	Paste			h T
			Blog with Windows Live	_		A CONTRACT
5	Shared Docume	ents	E-mail with Windows Live a Translate with Bing	- 🗆		
sion	🗖 Туре Na	me	All Accelerators	Modified By		
	00	0120_CH III NEW	Add to Favorites	System Account		
Bin		0228_CHS_200520 # HEW	Properties	System Account		
Content		0436 CHS AsiaTech in Chine		System Account		
		filtts的参数进行测试 ■ NEW	1/6/2011 10:23 A	M System Account		
	副月	项目进度汇报 ª™w	1/6/2011 10:23 A	M System Account		
	🕈 Add documen	it			Getting Started	
					Share this site	
					Change site theme	
					Set a site icon	
					Customize the Quick Launch	

55. Open the download pdf file by Foxit PDF Secure RMS Reader, and left-click **View Permission** to see the **RMS Right**.



### To restrict the print permissions using RMS

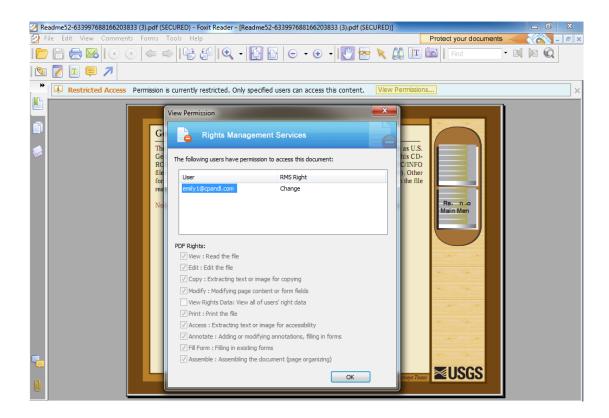
- 57. In the same Office SharePoint Server 2010 site, click Home.
- 58. Click Shared Documents and Library page, then click Library Settings button.
- 59. On the settings page, choose **Information Rights Management** under Permissions and Management.
- 60. Choose Allow users to print documents, and click OK.



61. Return to **Shared Documents** page, for example log on as Ind1@cpandl.com, and right-click a pdf file and **choose Save Target AS...** to save a pdf file to the local host.

Home			Welcome Ind1  My Site   My Lin
<b>ﷺ</b> Document Ce		All Sites	Advanc
Home Document Cent	er News - Reports Search Sites		
	Home > Document Center > Documents Documents		
View All Site Content	Share a document with the team by adding it to this document	: library.	
Site Hierarchy	Actions -		View: All Documer
Documents	Type Name	Modified	Modified By
S Announcements	🥥 aa	3/12/2009 11:59 AM	administrator
🔯 Tasks	activePDF-Toolkit	<ul> <li>3/12/2009 12:03 PM</li> </ul>	administrator
	Heee     Open in New Window	3/4/2009 5:26 PM	administrator
	This docu Save Target As	3/4/2009 2:49 PM	administrator
	Print Target		
	Cut		
	Сору		
	Copy Shortcut Paste		
	Add to Eavorites		
	Properties		

62. Open the download pdf file by Foxit PDF Secure RMS Reader. Left-click **View Permission** to view the RMS Right of this file. Please see the following picture.



## Chapter 5 - For Exchange 2010

## **4** Getting Started

This section provides everything about getting started with Foxit PDF Secure RMS Protector you'll need to know, including its system requirements, install and uninstall instructions.

Computer	Operating System	Requirement		
ADRMS Server	Windows Server 2008	RMS, Internet Information		
	R2	Services (IIS) 6.0, World Wide		
		Web Publishing Service,		
		Message Queuing (also known		
		as MSMQ)		
DC	Windows Server 2003	Active Directory, Domain Name		
	with SP1	System (DNS)		
ADRMS-DB	Windows Server 2003	Microsoft SQL Server <sup>™</sup> 2005		
	with SP1			
Exchange Server	Windows Server 2008	Exchange Server 2010 and has		
2010	with SP2 or	been added this Server to DC		
Such as named EX01	Windows Server 2008			
	R2			
Client	Win7	Client , Outlook 2010		

### System requirements

### **Corresponding permissions of Foxit PDF Secure RMS Reader**

### and Exchange

Exchange service provides there levels rights: Full control, Change, Read.

Level	Rights of Foxit PDF Secure RMS Reader
Full control	View, Copy, Modify, Print, View Data, Access, Annotate, Fill
	Form, Assemble
Change	View, Copy, Modify, Access, Annotate, Fill Form, Assemble
Read	View

The user can only print the document if the document library IRM settings have been configured to allow document printing.

### Installing Foxit PDF Secure RMS Protector on an Exchange

#### Server

To install Foxit PDF Secure RMS Protector:

- 63. Stop the IIS Admin service: Start > Settings > Control Panel > Administrator Tools > Services > IIS Admin Service > Stop. Close window.
- 64. Run the Foxit PDF Secure RMS Protector Setup program to install the protector on the server.

Welcome to the Foxit Sharepoint extensio			ar S
he installer will guide you through Sharepoint extensions) on your cor		all Foxit PDF Secure F	MS Protector
VARNING: This computer program Inauthorized duplication or distribu rr criminal penalties, and will be pro	tion of this program, or ar	ny portion of it, may re:	sult in severe civil

65. After installing ,restart IIS, MSExchangeTransport, msftesql-Exchange:

1. Click Start > Run > type "cmd" in the Open line> click OK, and execute the following commands:

net stop MSExchangeTransport

net start MSExchangeTransport

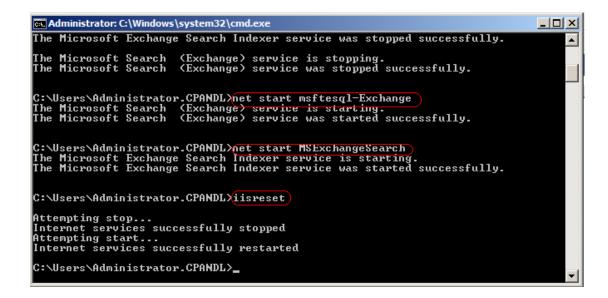
net stop msftesql-Exchange

net start msftesql-Exchange

net start MSExchangeSearch

iisreset

Administrator: C:\Windows\system32\cmd.exe	. 🗆 🗵
Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	<b>_</b>
C:\Users\Administrator.CPANDL>net stop MSExchangeTransport The Microsoft Exchange Transpo <del>rt service is stopping.</del> The Microsoft Exchange Transport service was stopped successfully.	
C:\Users\Administrator.CPANDL>net start MSExchangeTransport The Microsoft Exchange Transport service is starting The Microsoft Exchange Transport service was started successfully.	
C:\Users\Administrator.CPANDL> <u>net stop msftesql-Exchange</u> The following services are dependent on the Microsoft Search (Exchange) serv	ice
$\dot{\mathbf{S}}$ Stopping the Microsoft Search (Exchange) service will also stop these servic	es.
Microsoft Exchange Search Indexer	
Do you want to continue this operation? (Y/N) [N]: y The Microsoft Exchange Search Indexer service is stopping The Microsoft Exchange Search Indexer service was stopped successfully.	•



2. Close the windows.

### **Uninstalling Foxit PDF Secure RMS Protector**

To uninstall:

- Open the Start Menu > Control Panel->Programs->Programs and Features
- Click the "Foxit PDF Secure RMS Protector" record and then click the "Uninstall" button to uninstall it.

Or you can double-click the PDFProtector.msi setup file that you have used to install Foxit PDF Secure RMS Protector, and then do the followings:

• In the Foxit PDF Secure RMS Protector dialog box, select Remove Foxit PDF Secure RMS Protector

	ome to the F repoint exter				ctor S
Select w extension	hether you want to re ns).	pair or remov	e Foxit PDF Sec	ure RMS Protecto	or (Sharepoint
🔘 Re	pair Foxit PDF Secu	e RMS Protec	tor (Sharepoint e	extensions)	
🙆 Re	move Foxit PDF Sec	ure RMS Prot	ector (Sharepoin	t extensions)	
		r			
			Cancel	< Back	Finish

• Click Finish button to uninstall it completely.

### **Check the version of Foxit PDF Secure RMS Protector**

 Please navigate to the folder where Foxit PDF Secure RMS Protector installed. Right-click PDFProtector.dll > choose Properties > click the Details tab, then you can examine the version information of Foxit PDF Secure RMS Protector ,as shown:

neral Digital Sig	natures Security De	tails Previous Versions
Property	Value	
Product version Copyright Size Date modified Language	Foxit PDF Secure RMS Application extension 1.1.0.118 Foxit PDF Secure RMS 1.1.0 Build 0118 Copyright (C) 2011 Fox 2.03 MB 2011/1/18 15:31 English (United States) PDFProtector.DLL	Protector (Share t Corporation
	and Personal Information	n

## Configuring AD · RMS to Integrate with Exchange Server 2010 in a Single Forest

**Note:** If you have configured AD • RMS when you were installing Exchange, please skip this operation.

### To register a service connection point

- 1. Log on ADRMS server as CPANDL\ADRMSADMIN in the cluster on which you want to register an SCP.
- 2. Open the Active Directory Rights Management Services console.
- 3. Right-click the AD RMS cluster, and then click **Properties.**
- 4. Click the **SCP** tab.

- 5. Select the **Change SCP** check box.
- 6. Click the **Set the SCP to current certification cluster** option, and then click **OK**.
- 7. Click **Yes** to confirm.

## To give Exchange servers permissions to access the server certification pipeline

- Log on an ADRMS server as CPANDL\administrator in the AD RMS cluster.
- 2. Click Start, and then click Computer.
- 3. Navigate to %systemdrive%\Inetpub\wwwroot\\_wmcs\Certification.
- 4. Right-click ServerCertification.asmx, and then click Properties.
- In the ServerCertification.asmx Properties dialog box, click the Security tab.
- 6. Click the **Continue** button or the **Edit** button.
- In the Permissions for ServerCertification.asmx dialog box, click
   Add.
- In the Select User, Computer, Service Account, or Group dialog box, click Object Types, and select the Computers check box, then click OK.
- Type Exchange Servers to add the Exchange Servers group, or type the names of the Exchange servers that you want to add, separated by semicolons.
- 10. Click Check Names, and then click OK.
- 11. Under **Allow**, make sure that the **Read & execute** and the **Read** check boxes are selected.
- 12.Click **OK**.

- 13.If the AD RMS Service Group does not appear in the Group or user names list, repeat the steps 6–11 to add it.
- 14.Click **OK** to close all dialog boxes.
- 15. Repeat the steps 1–14 on all other servers in the AD RMS cluster.

#### To set up the Exchange Server super users group

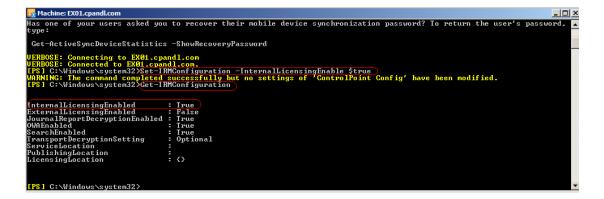
- Log on AD RMS server as CPANDL\ADRMSADMIN, and open the Active Directory Rights Management Services console and expand the AD RMS cluster.
- In the console tree, expand Security Policies, and then click Super Users.
- 3. In the **Actions** pane, click **Enable Super Users**.
- In the results pane, click Change Super User Group to open the Super Users properties sheet.
- In the Super user group box, type the e-mail address of the designated super users group, or click Browse to navigate through the defined users and groups in the directory.(Such as SuperRMSAdmin@cpandl.com)
- 6. Click **OK**.

## To set InternalLicensingEnable true by ExchangeManagement Shell

- 1. Log on as CPANDL\Administrator to EXO1
- Navigate to Start->All Programs->Microsoft Exchange Server
   2010->Exchange Management Shell
- 3. Type "Get-IRMConfiguration"

Machine: EX01.cpandl.com	
Tip of the day #47:	
You can control which features pe:	are available to Outlook Web Access users )
Set-OwaVirtualDirectory "OWA	(Default Web Site)" -ContactsEnabled \$True -
VERBOSE: Connecting to EX01.cpa VERBOSE: Connected to EX01.cpan IPS] C:\Windows\system32> <u>Get-11</u>	ndl.com.
InternalLicensingEnabled	: False
ExternalLicensingEnabled	: False
JournalReportDecryptionEnabled OWAEnabled	: True : True
SearchEnabled	: True
TransportDecryptionSetting	: Optional
ServiceLocation	:
PublishingLocation	:
LicensingLocation	: 0
[PS] C:\Windows\system32>_	

- 4. Type "Set-IRMConfiguration -InternalLicensingEnable \$true" to enable licensing.
- 5. Type " Get-IRMConfiguration " again ,to check InternalLicensingEnalbe is true.

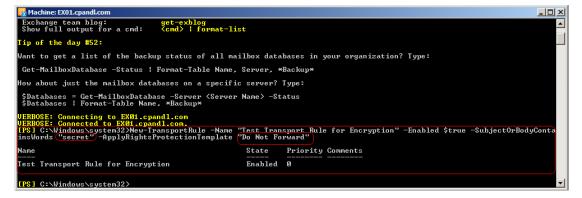


## Working with Foxit PDF Secure RMS Protector

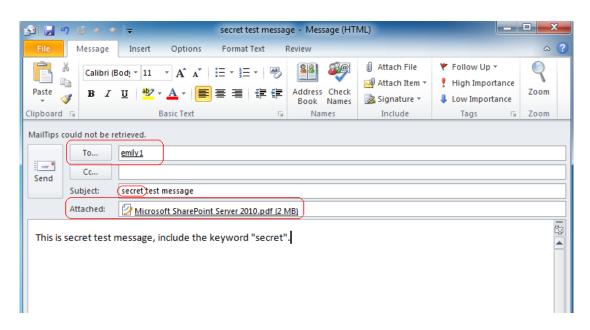
- 1. Log on as CPANDL\Administrator to EX01
- 2. Open the Exchange Management Shell.
- 3. Enter the following task and parameters:

New-TransportRule -Name "Test Transport Rule for Encryption" -Enabled \$true -

SubjectOrBodyContainsWords "secret" - ApplyRightsProtectionTemplate "Do Not Forward"



4. Log on as CPANDL\test to **Client**, and open **Microsoft Outlook 2010**, new an Email (for example, send an e-mail to emily1@cpandl.com). The Email includes the PDF attachment.



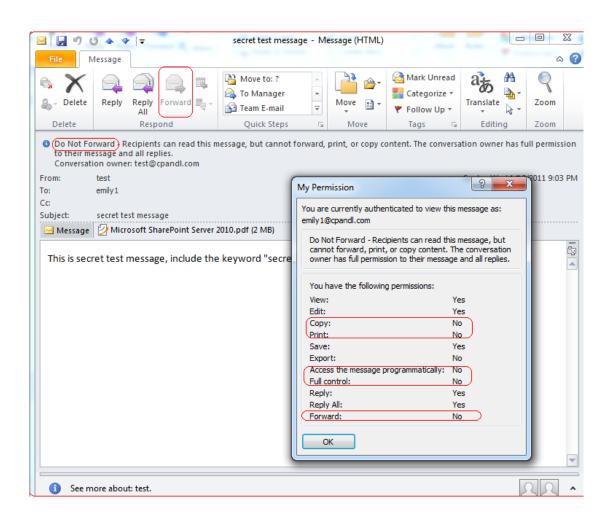
And then click Send.

5. Log off and log on as **CPANDL\emily1** to the Client

6. Open **Microsoft Outlook 2010.** In the inbox, we can see the email which has been tested to send.

	Delete Reply Reply Forward 🌉 More 🕶	🔒 Reply & Delete 👋 Create New 👻 Move Rules 👻 Follow Up 👻 🍸 Filter I
New Delete	Respond	Quick Steps 🖓 Move Tags Fin
🔄 Inbox 📃	earch Inbox (Ctrl+E)	secret test message test
emily1@cpandl.com	secret test message	Do Not Forward - Recipients can read this message, but cannot forward, print, or copy conter The conversation owner has full permission to their message and all replies. Conversation owner test@cpandl.com Sent: Wed 1/12/2011 9:03 PM To: emily1 Message 2 Microsoft SharePoint Server 2010.pdf (2 MB)
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7. Double click the email. We can see the email did not get forwarded. View the permission, and the detail permission is displayed as shown below-----My Permission.



8. Double click the pdf attachment to open it. We can see the permission shown below: not allowed to be printed, copied, or accessed.

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## Chapter 6 - FAQ

## **1.** In the SharePoint environment, do we need to perform iisreset after installing the Foxit PDF Protector?

Yes. Foxit PDF Protector will not work immediately when it is installed. Please perform **iisreset** to ensure that the SharePoint server invokes Foxit PDF Protector.

## 2. Why is the PDF downloaded from the SharePoint Document Library still unprotected after installing the Foxit PDF Protector?

First, check that the IRM protection rules have been configured in the **SharePoint Document Library**. For example, ([Library Name]->Setting->Information Rights Management Settings->Restrict permission to documents in this library on downloads). Then, clear your browser's Temporary Internet Files. For example, (IE8: Internet Options->General->Delete->check Temporary Internet files->click delete).

## 3. Why doesn't the Foxit PDF Protector work after being used for some period of time?

Because you can only use the Free Trial version for 30 days. If you want to continue using the Foxit PDF Protector, please contact us by sending an email to <u>sales@foxitsoftware.com</u> to get the formal product license.

### 4. I got the authorized license file. How can I use it?

Please copy the license file to the same folder where you installed Foxit PDF Protector.

**Note:** Please ensure that all the users in the domain have the basic permission to "Read" and "Read & Execute", or the license file may not work.

## **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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