

# FileNet Document Warehouse for SAP

**Configuration Manual for Windows 2003** 

#### Release 5.1

#### September 2005

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## **About this Manual**

The FileNet Document Warehouse for SAP (DWSAP) Configuration Manual for Windows 2003, dated September 2005, supports the 5.1 release of the DWSAP software. It covers the configuration settings to be made on the IDM Services for R/3 Server machine when the underlying operating system is Windows 2003.

For complete information on the installation and configuration of DWSAP 5.1, please refer the Installation and Configuration Manual - Server. It covers the new IDM Services for R/3 (formerly known as ServerLink or Server Components), the applications related to it, and the new IDM Desktop for R/3 as well as the possibility to use a web-based client.

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# **1** Server Configuration

This section provides an overview of the configuration to be made on the IDM Services for R/3 Server machine when the underlying operating system is Windows 2003.

#### **Configuring the cServer RFC Service**

IDM Services for R/3 component cServerRFC, is installed as a Windows service in order to start up each time the machine it is installed on is started.

The user that is used to run the FileNet RFC Service can be configured as follows:

🍇 Services					_	미凶
] <u>A</u> ction ⊻iew   ← ⊣	) 🛍 💽 🖆 🗟	5   😫  ] 🕨	■    ■	•		
Tree	Name 🛆	Description	Status	Startup Type	Log On As	
Services (Local)	🖓 Background Intellig	Transfers f		Manual	LocalSystem	
<b>**</b>	🦓 ClipBook	Supports C		Manual	LocalSystem	
	🤹 COM+ Event System	Provides a	Started	Manual	LocalSystem	
	Computer Browser	Maintains a	Started	Automatic	LocalSystem	
	SefWatch 🖏		Started	Automatic	LocalSystem	
	🖏 DHCP Client	Manages n	Started	Automatic	LocalSystem	
	🖏 Distributed File Syst	Manages lo	Started	Automatic	LocalSystem	
	🖏 Distributed Link Tra	Sends notif	Started	Automatic	LocalSystem	
	🖏 Distributed Link Tra	Stores info		Manual	LocalSystem	
	🖓 Distributed Transac	Coordinate	Started	Automatic	LocalSystem	
	🖏 DNS Client	Resolves a	Started	Automatic	LocalSystem	
	🖏 Event Log	Logs event	Started	Automatic	LocalSystem	
	🖓 Fax Service	Helps you		Manual	LocalSystem	
	Sile Replication	Maintains fi		Manual	LocalSystem	
	🖓 FileNet Barcode Ser	FileNet cBa		Manual	LocalSystem	
	FileNet RFC Service	FileNet RF	Started	Manual	LocalSystem	
	BM HTTP Administr			Manual	.∖aalok	
	BM HTTP Server			Manual	.∖aalok	
	Service 🆓 IIS Admin Service	Allows adm	Started	Automatic	LocalSystem	
	Service Service	Indexes co		Manual	LocalSystem	
	Mainternet Connectio	Provides n		Manual	LocalSystem	•

1. To start the Services applet, click Start → Control Panel → Administrative Tools -> Services. The following screen is displayed:

2. Double-click the **FileNet RFC Service** from the list on the right side. The following screen is displayed:

FileNet RFC Servic	e Properties (Local Computer)	? ×
General Log On	Recovery Dependencies	
Service name:	RfcService	
Display <u>n</u> ame:	FileNet RFC Service	
Description:	FileNet RFC Service For IDM For R/3	
Pat <u>h</u> to executab C:\Program Files\	le: FileNet\IDMForR3\RfcService.exe	
Startup typ <u>e</u> :	Manual	
Service status:	Stopped	
<u>S</u> tart	Stop <u>P</u> ause <u>R</u> esume	] [
You can specify t from here.	he start parameters that apply when you start the service	
Start para <u>m</u> eters:		
	OK Cancel Appl	y

3. Click the  ${\color{black} \textbf{Log}}~{\color{black} \textbf{On}}$  tab. The following screen is displayed:

ileNet RFC Service Pro	perties (Local Computer)	? ×
General Log On Rec	overy Dependencies	
Log on as:		
C Local System acco	unt interact with desktop	
● <u>T</u> his account:	trishul_domain\FNuser1	<u>B</u> rowse
Password:	***********	
<u>C</u> onfirm password:	******	
You can enable or disa	ble this service for the hardware p	profiles listed below:
Hardware Profile		Service
Profile 1		Enabled
	Enable	<u>D</u> isable
	OK Cano	cel <u>A</u> pply

4. Select the **This Account**: radio button and enter the user in the adjacent text box. Enter the user password in the corresponding text boxes.

The rights that the user who runs the cServerRFC service must possess are:

- Windows user rights Logon as a Service and Create a token object. These rights can be configured by invoking Start → Control Panel → Administrative Tools → Local Security Policies. Open Local Policies and then User Right Assignment in the tree view. A window Local security setting opens up. Choose the appropriate policy (Logon as a Service and Create a token object) and click on the Add button. Select the right user to run the cServerRFC service and click on add again.
- The user should have read, write, and delete rights on the directories used to transfer files between SAP R/3 server and cServer. For more information on how to configure the exchange directories, refer to the Guidelines to Define File Exchange Directories section in the Installation and Configuration Manual – Server.

#### Configuring IDM Services for R/3 in Internet Information Server for HTTP communication

IDM Services for R/3 uses Microsoft IIS as its Web server for HTTP communication with SAP server. To add IDM Services for R/3 to IIS, perform the following steps:

- Click Start → All Programs → Administrative Tools → Internet Information Services (IIS) Manager, to start the Internet Information Services (IIS) Manager.
- 2. In the Internet Information Services folder, right click **Default Web** Site→ New → Virtual Directory....

🐌 Internet Information Se	ervices (IIS) Manager			_ 8 ×
👣 Eile <u>A</u> ction <u>V</u> iew <u>W</u> i	indow <u>H</u> elp			_ 8 ×
⇐ ⇒ 🗈 💽 🗙 😭	🖻 🖪 😫 👂	<b>I</b> II		
Internet Information Servic DW-W2KS3 (local comp FTP Sites Application Pools Default we Web Sites Web Service Ex Web Service Ex Default SMTP Vi	ess Name uter vti_bin DocImages DocImages DMWS PBSData Explore Open Permissions	Path C:\Program Files\Common Files\Micr C:\Program Files\FileNET\IDM\Web\ C:\Program Files\FileNET\IDM\Web\I C:\Program Files\Phone Book Servic C:\Program Files\Phone Book Servic	Status	
	Browse Start Stop Pause			
	New All Tasks	Web Site Web Site (from file)		
70	 View ↓ New Window from Here	<u>Virtual Directory</u> Virtual <u>D</u> irectory (from file)		
	Delete Rename . Refresh Export List Properties Help	Server Extensions 2002 Web Server Extensions 2002 Administrator		
•	•			
Create new Web Virtual Directo	ry			

The Virtual Directory Creation Wizard screen is displayed, as shown below:





3. Enter a name to be used as an alias to access the virtual directory, for example IDMForR3. Click **Next**.

rtual Directory Creation Wizard	
Virtual Directory Alias Specify a short name, or alias, for thi	is virtual directory.
Type the alias you want to use to ga same naming conventions that you w	ain access to this Web virtual directory. Use the would for naming a directory.
Alias:	
IDMF0IR3	
	< Back Next > Cancel

4. Click **Browse** to enter the physical path of the IDM Services for R/3 directory. The following screen is displayed:

rtual Directory Creation Wizard	
Web Site Content Directory Where is the content you want to publish on the Web site?	Comp.
Enter the path to the directory that contains the content for this We	b site.
Path:	
C:\Program Files\FileNET\IDMForR3	Browse
Z Death	Carrel

5. Click Next. Enable the access permissions: Read, Run scripts (such as ASP), and Execute (such as |SAP| applications or CGI). The following screen is displayed:

following	screen	is	displayed:
<b>Virtual Directory</b>	Creation Wizard		×
Virtual Director Set the acces	y Access Permissions is permissions for this virtual o	directory.	
Allow the follo	wing permissions:		
<b>⊠</b> <u>R</u> ead			
Run <u>s</u> crip	ts (such as ASP)		
Execute (	such as ISAPI applications o	rCGIĴ	
☐ <u>W</u> rite			
🗖 Br <u>o</u> wse			
To complet	e the wizard, click Next		
		< <u>B</u> ack <u>N</u>	ext > Cancel

6. Click **Next.** The following screen is displayed.



7. Click **Finish** to add virtual directory to the default Web site. The following screen is displayed:

Ele       Action       Yew       Window       Help         Internet Information Services       Name       Path       Status         Internet Information Services       DWS1_Server_Patch25       CBarcode.exe       CBarcode.exe         Application Pools       DWS1_Server_Patch25       CBarcode.exe       CGrotol.ini         Web Sites       Default Web Site       CfcTool.ini       CServer.dll       CServer.dll         DocImages       CServerRfc.exe       DwCrgSvr.dll       DwCrgSvr.dll         Default       DocImages       DwCrgSvr.dll       DwCorgSvr.dll         Default       DwCopSrv.dll       DwCopSrv.dll       DwCopSrv.dll         DwCopSrv.dll       DwCopSrv.dll       DwCopSrv.dll       DwCopSrv.dll         DwLopSrv.dll       DwSecurity.dll       DwSecurity.dll       DwSecurity.dll         DwSecurity.dll       DwSecurity.dll       DwSecurity.dll       DwSecurity.dll         DwSecurity.dll       DwSecurity.dll       DwSecurity.dll       DwSecurity.dll	ernet Information Service	-82
Internet Information Services       Name       Path       Status         Internet Information Services       DWS1_Server_Patch25       CBarcode.exe         Application Pools       DWS1_Service.exe       CGrool.ni         Opfault Web Sites       CGrool.ni       CRfcClient.dll         Default Web Site       CGrool.ni       CRfcClient.dll         Default Web Site       CGrool.ni       CServer.fll         Dolmws       CServerRfc.exe       DwCfgSrv.dll         DVCfgSrv.dll       DWCfgSrv.dll       DWCfgSrv.dll         DWCopSrv.dll       DWLopSrv.dll       DWLopSrv.dll         DwLoginv.tib       DWLopSrv.dll       DWLopSrv.dll         DwLoginv.tib       DWLopSrv.dll       DWLopSrv.dll         DwLopinv.tib       DWLopSrv.dll       DWLopSrv.dll         DwLopinv.tib       DWLopSrv.dll       Dwsecurity.dll         DwcfgSrv.dll       DwcopSrv.dll       Dwsecurity.dll         Dwlogsrv.tib       Dwlogsrv.tib       Dwsecurity.dll         Dwsecurity.dll       Dwsecurity.dll       Dwsecurity.dll	Action View Window	_ 8 >
Internet Information Services       Name       Path       Status         DW-W2KS3 (local computer       DW51_Server_Patch25       CBarcode.exe       CBarcode.exe         Application Pools       CBarcode.exe       CBarcode.exe       CGrool.ini         Web Sites       CfgTool.ini       CRfcClient.dll       CServer.dll         DOUTrages       CServer.dll       CServer.dll       CServerRfc.exe         DWCfgSrv.dll       DWCfgSrv.dll       DWCogSrv.dll       DWCogSrv.dll         DWLogSrv.dll       DWLogSrv.dll       DWLogSrv.dll       DWLogSrv.dll         Uvi_orif       DWLogSrv.dll       DWcsecurity.dll       DWLogSrv.dll         Uvi_orif       DWRepos.dll       DWTools.dll       DWTools.dll	🗉 🗈 🗙 😭 🕻	
Web Service Extension Default SMTP Virtual Se Programmer's Handbook.pdf Readme.htm RfcService.exe rp500enu.exe	rnet Information Services DW-W2K53 (local computer FTP Sites Application Pools Web Sites Default Web Site Compages DocImages DocImages DocImages PBSData PBSData PBSData PBSData PBSData DocImages Compared PBSData PBSData Compared PBSData Compared Default Smarphile Web Service Extension: Default SMTP Virtual Se	

#### **Application Pool Settings**

The default Application pool setting on Windows 2003 Server is *DefaultAppPool*. It should be set to MSSharePointAppPool.

To change the Application pool setting:

- 1. In the IIS Manager, right click the newly created virtual directory and select **Properties** from the context menu. The Properties window is displayed.
- 2. Select **MSSharePointAppPool** from the **Application pool** drop down list.

HTTD Headers	Custom Errors	BITS Server Extension
Virtual Directory	Documents	Directory Security
The content for this re ©	source should come from: A <u>d</u> irectory located on this comp A <u>s</u> hare located on another com	puter
0	A redirection to a <u>U</u> RL	
.ocal path:	:\Program Files\FileNET\IDMFor	R3 Br <u>o</u> wse
✓ <u>R</u> ead	🔽 Index thi	is resource
<u>w</u> rite     Directory <u>b</u> rowsing     Application settings		
Directory browsing Application settings	[IDMForR3	Remove
☐ <u>w</u> rice ☐ Directory <u>b</u> rowsing Application settings Application na <u>m</u> e: Starting point:	IDMForR3 <default site="" web="">\IDMF</default>	Remove
<u>write</u> Directory <u>b</u> rowsing Application settings Application na <u>m</u> e: Starting point: Execute <u>p</u> ermissions:	IDMForR3 <default site="" web="">\IDMF Scripts and Executables</default>	Configuration
Application name: Starting point: Execute permissions:	IDMForR3 <default site="" web="">\IDMF Scripts and Executables DefaultAppPool</default>	Configuration
<u>write</u> Directory <u>b</u> rowsing Application settings Starting point: Execute <u>permissions</u> : Applicatio <u>n</u> pool:	IDMForR3 <default site="" web="">\IDMF Scripts and Executables DefaultAppPool DefaultAppPool MSSharePointAppPool PBSAppPool</default>	Configuration Configuration

- 3. Click Apply.
- 4. Click OK.

I

# Changing Registry Rights to Use HTTP on Windows 2003 Server

If Windows 2003 is the operating system for the server, the amendments that should be made in the registry, to use HTTP are:

1. Run regedit.exe. The following screen is displayed:

🖃 🚚 My Computer	Name	Туре	Data
HKEY_CLASSES_ROOT	(Default)	REG_SZ	(value not set)
	•		

#### 2. Select **HKEY\_LOCAL\_MACHINE**. The following screen is displayed:

🕼 Registry Editor			_101	×
<u>File Edit View Favorites Help</u>				
🖃 🚚 My Computer	Name	Туре	Data	
HKEY_CLASSES_ROOT	(Default)	REG_SZ	(value not set)	
	•			E
, My Computer\HKEY_LOCAL_MACHINE				

3. Select SOFTWARE → FileNET → Document Warehouse.



4. Right click and select **Permissions** from the context menu.

The following screen is displayed:

missions for Document Ware	house	?
ecurity		
Group or user names:		
🚮 Administrators (DW-W2KS3\	Administrators)	
SI CREATOR OWNER		
🕵 Power Users (DW-W2KS3\F	Power Users)	
SYSTEM		
TERMINAL SERVER LISER		×
	A <u>d</u> d	<u>R</u> emove
Permissions for Administrators	Allow	Deny
Full Control	×.	
Read	4	
Special Permissions		
For special permissions or for adva	inced settings,	Adyanced
	-	т.:
OK	Cancel	Applu

5. Click Add. Click Locations... and choose the local machine for the From this location field.

elect Users or Groups	4
Select this object type:	
Users, Groups, or Built-in security principals	Object Types
From this location:	
DW-W2KS3	Locations
Enter the object names to select ( <u>examples)</u> :	Check Name

6. Click Advanced. Click Find Now and select the user IUSR\_<machinename>.

Select Users or Groups		<u>? ×</u>
Select this object type:		
Users, Groups, or Built-in security princip	als	<u>O</u> bject Types
From this location:		
DW-W2KS3		Locations
Common Queries		
Name: Starts with		<u>C</u> olumns
Description: Starts with		Find <u>N</u> ow
Disabled accounts		Stop
Non expiring password		
Days since last logon:		
Search res <u>u</u> lts:		OK Cancel
Name (RDN)	In Folder	
🔐 Guests	DW-W2KS3	
HelpServicesGroup	DW-W2KS3	
🕵 IIS_WPG	DW-W2KS3	
SINTERACTIVE		
🛃 IUSR_AZ-W2KS3	DW-W2KS3	
1WAM_AZ-W2KS3	DW-W2KS3	
🕵 LOCAL SERVICE		
METWORK .		
Retwork Configuration Operators	DW-W2KS3	
RNETWORK SERVICE		
7 11/C 077071570 -dmin	DUTUDED	×

7. Click **OK**. The following screen is displayed.

Select Users or Groups	?
Select this object type:	
Users, Groups, or Built-in security principals	<u>O</u> bject Types
Erom this location:	
DW-W2KS3	Locations
	14 Ar
Enter the object names to select ( <u>examples</u> ):	
Enter the object names to select ( <u>examples</u> ): <u>DW-W2KS3\IUSR_AZ-W2KS3</u>	<u>C</u> heck Names
Enter the object names to select ( <u>examples</u> ): <u>DW-W2KS3\IUSR_AZ-W2KS3</u>	<u>C</u> heck Names

8. Click **OK**. The following screen is displayed:

missions for Document Ware	house	?
ecurity		
Administrators (DW-W2KS3)	Administrators)	-
Internet Guest Account (DW     Bernet (DW     Bernet Guest Account (D	-W2KS3\IUSR_A2 ?ower Users)	z-w2KS3) ▼
Permissions for Internet Guest Account	A <u>d</u> d	<u>R</u> emove
Full Control Read Special Permissions		
For special permissions or for adva click Advanced.	nced settings,	Advanced
ОК	Cancel	

9. Select Internet Guest Account from the options listed in the Group or user names: list and click Advanced. The following screen is displayed:

	Lucino	1 CITIISSION	minenceu From	
Allow	Internet Guest Accou	Read Control	<not inherited=""></not>	This key and subkeys
Allow	Administrators (DW	Full Control	Parent Object	This key and subkeys
Allow	CREATOR OWNER	Full Control	Parent Object	Subkeys only
Allow	Power Users (DW-W	Special	Parent Object	This key and subkeys
Allow	SYSTEM	Full Control	Parent Object	This key and subkeys
Allow	TERMINAL SERVER	Special	Parent Object	This key and subkeys
Allow	USEIS (DW-W2K551	neau	Palent Object	This key and subkeys
Ad	ld   <u>E</u> dit	<u>R</u> emov	e	
Allow	inheritable permissions from	m the parent to prop	agate to this object ar	nd all child objects. Include
these	with entries explicitly defin	ed here.		

10. Click **Edit**. The following screen is displayed:

pply onto: This key and subkey	s	
ermissions:	Allow	Deny
Full Control		
Query Value		
Set Value		
Create Subkey		
Enumerate Subkeys		
Notify		
Create Link		
Delete		
Write DAC		
Write Owner		
Read Control		
<ul> <li>Apply these permissions to object containers within this containers</li> </ul>	ects and/or only	Clear All

- 11. Enable the **Allow** checkboxes for Query Value, Set Value, Create Subkey, Enumerate Subkeys, Notify, and Read Control permissions. This will allow the creation of new sub keys and modification of existing key values.
- 12. Click **OK** to close all the windows.

#### Changing Permissions to Use HTTP on Windows 2003 Server

#### Security Changes in DCOMCNFG

If Windows 2003 is the operating system for the server, the amendments that should be made in the **DCOMCNFG**, to use HTTP are:

1. Launch **DCOMCNFG** by clicking the **Start** button, selecting **Run**, and typing **Dcomcnfg.exe** in the Run dialog box. The following screen is displayed:

Component Services		×
Eile Action View Window Help		
← →   🖪   🖧   😫		
Console Root		
Console Root Name	18 III III III III III III III III III I	
Component Services	Component Services	
Active Directory Users and Completion	active Directory Users and Compu	
E Services (Local)	vent viewer (Local) jervices (Local)	

2. Select Component Services→Computers→My Computer→DCOM Config→DwWsFunctions.DwWsLog from the left side of the Component Services window.



3. Right click and select **Properties** from the context menu. Select the **Security** tab. The following screen is displayed:

DwWsFunctions.DwWsLog Properties		<u>?</u> ×
General Location Security Endpoints Identity		
Launch Permissions		Edit
Access Permissions © Use Default © Custo <u>m</u> ize		Edit
Configuration Permissions C Use Default C Customize		Edįt
OKCa	ncel	Apply

4. From the Launch Permissions frame, select Customize and click Edit. The following screen is displayed:

Administrators (DW-W2KS3)	Administrators)	
Internet Guest Account (DW	/-w2KS3\IUSR_A	Z-W2KS3)
Launch IIS Process Accoun     SYSTEM	t (DW-W2KS3\IW	/AM_AZ-W2
	A <u>d</u> d	<u>R</u> emove
ermissions for Administrators	Allow	Deny
Launch Permission		

5. Click Add. Click Locations... and choose the local machine for the From this location field.

Select this object type:	
Users, Groups, or Built-in security principals	<u>O</u> bject Types
rom this location:	
DW-W2KS3	Locations
inter the object names to select (evamples):	
nter the object names to select ( <u>examples</u> ):	Check Marrier
nter the object names to select ( <u>examples</u> ):	Check Names
Enter the object names to select ( <u>examples</u> ):	
Enter the object names to select ( <u>examples</u> ):	Check Names

6. Click Advanced. Click Find Now and select the users IUSR\_<machinename> and IWAM\_<machinename>. Click OK.

Select Users or Groups		<u>? ×</u>
Select this object type:		
Users, Groups, or Built-in security prin	icipals	<u>O</u> bject Types
Erom this location:		
DW-W2KS3		Locations
Common Queries		
Name: Starts with		<u>C</u> olumns
Description: Starts with		Find Now
Disabled accounts		Stop
Non expiring password		
Days since last logon.	2	
Search results:		OK Cancel
Name (RDN)	In Folder	
🕵 Guest	DW-W2KS3	
🙀 Guests	DW-W2KS3	
RelpServicesGroup	DW-W2KS3	
🙀 IIS_WPG	DW-W2KS3	
<b>WINTERACTIVE</b>		
🕵 IUSR_AZ-W2KS3	DW-W2KS3	
🕵 IWAM_AZ-W2KS3	DW-W2KS3	
S LOCAL SERVICE		
S NETWORK		
Network Configuration Operators	DW-W2KS3	<u>-</u>

7. Click **OK**. The following screen is displayed:

DwWsFunctions.DwWsLog Properties	<u>? ×</u>
General Location Security Endpoints Identity	r
Launch Permissions	
C Use Default	
← Customize	Edit
Access Permissions	
C Use De <u>f</u> ault	
Customize	Edit
Configuration Permissions	
C Use Defa <u>u</u> lt	
Customize	E djt
OKCa	ncel

8. From the **Access Permissions** frame, select **Customize** and click **Edit**. The following screen is displayed:

Administrator (DW-W2KS3V	Administrator)	
SYSTEM		
	A <u>d</u> d	<u>R</u> emove
ermissions for Administrator	Allow	Deny
Access Permission		

9. Click Add. Click Locations... and choose the local machine for the From this location field.

Calent this abject tupo:	
Select this object type. Users, Groups, or Built-in security princip	als <u>O</u> bject Types.
From this location:	
DW-W2KS3	Locations
Enter the object names to select ( <u>examp</u>	<u></u>
Enter the object names to select ( <u>examp</u>	es):
Enter the object names to select ( <u>examp</u>	es):

10. Click Advanced. Click Find Now and select the users IUSR\_<machinename> and IWAM\_<machinename>. Click OK.

Select Users or Groups		<u>? ×</u>
Select this object type:		
Users, Groups, or Built-in security prin	icipals	Object Types
From this location:		
DW-W2KS3		Locations
Common Queries		
Name: Starts with		<u>C</u> olumns
Description: Starts with		Find Now
		Stop
Non expiring password		
	-	a contraction of the contraction
D'ays since last logon.		
Search res <u>u</u> lts:		OK Cancel
Name (RDN)	In Folder	
🜆 Guest	DW-W2KS3	
🕂 Guests	DW-W2KS3	
👧 HelpServicesGroup	DW-W2KS3	
🙀 IIS_WPG	DW-W2KS3	
<b>MINTERACTIVE</b>		
🕵 IUSR_AZ-W2KS3	DW-W2KS3	
🕵 IWAM_AZ-W2KS3	DW-W2KS3	
RELOCAL SERVICE		
R NETWORK		
Network Configuration Operators	DW-W2KS3	<u> </u>

- 11. Click **OK**.
- 12. Exit from **DCOMCNFG**.
- 13. Restart the IIS Admin Service and World Wide Publishing Service.

#### Security changes for Installed Directory of cServer

If Windows 2003 is the operating system for the server, the amendments that should be made in the DWSAP Installed Directory (IDMForR3), to use HTTP are described below.

**Note:** These security setting are done, only if Multiple R3 Instances are configured in the Configuration Tool. Adding these security permissions will enable the cServer to create and update the **SAPNameSpace.ini** file in the installed path of the cServer.

The steps to be followed are outlined below:

 Launch the Windows Explorer and browse to the Installed Directory where DWSAP Server Components are installed. By default, it is Program Files/FileNet/IDMForR3. Right click on the IDMForR3 folder, by selecting the folder in the tree view. Select Properties from the context menu. The following screen is displayed:

/pe:	File Folder	
ocation:	C:\Program Files\FileNE	Т
ze:	34.4 MB (36,163,445 by	tes)
ze on disk:	34.5 MB (36,233,216 by	tes)
ontains:	64 Files, 1 Folders	
reated:	Today, September 09, 2	005, 12:07:41 PM
tributes:	Read-only	Advanced
	☐ <u>H</u> idden	
eated: tributes:	Today, September 09, 2 I⊽ <u>Read-only</u> I⊤ <u>H</u> idden	005, 12:07:41 PM <u>Ad</u> vanced.

2. Select the **Security** tab in the above screen. The following screen is displayed:

MForR3 Properties		?
General Sharing Security We	b Sharing Custo	mize
Group or user names:		
Administrators (DW-W2KS3	(Administrators)	
SI CREATOR OWNER		
🛛 🕵 Power Users (DW-W2KS3\	Power Users)	
SYSTEM		
TERMINAL SERVER LISER	2	
	1 1	
	A <u>d</u> d	<u>R</u> emove
Permissions for Administrators	Allow	Deny
Full Control	¥	
Modify	4	
Read & Execute	1	
List Folder Contents	4	
Read	4	
Write	×.	
For special permissions or for adv click Advanced.	anced settings,	Advanced
		1 1 1

3. Click Add. Click Locations... and choose the local machine for the From this location field.

Select this object type:	
Users, Groups, or Built-in security principals	<u>O</u> bject Types
From this location:	
DW-W2KS3	Locations
Enter the object names to select ( <u>examples)</u> :	

4. Click Advanced. Click Find Now and select the user IUSR\_<machinename>.

Select Users or Groups		<u>? ×</u>
Select this object type:		
Users, Groups, or Built-in security princip	als	<u>O</u> bject Types
Erom this location:		
DW-W2KS3		Locations
Common Queries		1
Name: Starts with		Columns
Description: Starts with		Find <u>N</u> ow
Disabled accounts		Stop
Non expiring password		
Days since last logon:		
Search res <u>u</u> lts:		OK Cancel
Name (RDN)	In Folder	
🕵 Guests	DW-W2KS3	
HelpServicesGroup	DW-W2KS3	
🕵 IIS_WPG	DW-W2KS3	
1 INTERACTIVE		
😰 IUSR_AZ-W2KS3	DW-W2KS3	
1WAM_AZ-W2KS3	DW-W2KS3	
SELOCAL SERVICE		
R NETWORK		
Retwork Configuration Operators	DW-W2KS3	
RNETWORK SERVICE		
71 MILE 077071570 -dmin	DUTUDED	×

5. Click **OK**. The following screen is displayed.

<u>? ×</u>
<u>O</u> bject Types
Locations

6. Click **OK**. The following screen is displayed:

MForR3 Properties		?
General Sharing Security Web	Sharing Custo	mize
<u>G</u> roup or user names:		
Administrators (DW-W2KS3)	Administrators)	<u> </u>
CREATOR OWNER		
🙎 🕵 Internet Guest Account (DW	W2KS3\IUSR_A	Z-W2KS3) 💾
Power Users (DW-W2KS3\P	Power Users)	
CYCTEM		
	A <u>d</u> d	<u>R</u> emove
Permissions for Internet Guest		
Account	Allow	Deny
Full Control		므 싁
Modify		
Read & Execute		
List Folder Contents		
Read		
Write		
<ul> <li>For special permissions or for adva</li> </ul>	anced settings,	Ad <u>v</u> anced
click Advanced.	-	

- 7. Select **Internet Guest Account** from the options listed. Allow the following security permissions by checking their corresponding **Allow** checkboxes:
  - Modify
  - Read & Execute
  - List Folder Contents
  - Read
  - Write
- 8. Click **OK** to close all windows.

#### Configuring a new MIME type

To configure a new MIME type:

 Click Start → All Programs → Administrative Tools → Internet Information Services (IIS) Manager, to start the Internet Information Services (IIS) Manager. 2. Right click **Default WebSite** from the left side of the IIS Manager and select **Properties** from the context menu. The following screen is displayed:

BL	TS Server	Extension		Server I	Extensions	s 2002
Web Site	Perfor	mance	ISAPI Filters	Home Di	rectory	Document
Directo	bry Security	)	HTTP Head	ers	Cus	tom Errors
- Enabl	le content i	expiration	1			
Web site	<u>c</u> ontent sh	ould:				
С Ехр	jre immedia	itely				
€ Egp	ire after	Ę.	Day(s)	w.		
C Exp	ire on [	Thursday	September 22	2005 👻	at 12:00	
- Custom H X-Power	TTP head ed-By: ASF	ers P.NET				Add
Custom H	TTP head ed-By: ASF	ers P.NET				A <u>dd</u> Edit Bemove
Custom H X-Power	TTP head ed-By: ASF ating Ratings I content y	ers P.NET help your us your site pro	sers to identify wh	at type of	Edit R	Add Edit Bernove
Content ra	TTP head ed-By: ASF ating Ratings I content y	ers P.NET help your us your site pro	sers to identify wh ovides.	at type of	Edit R	Add Edit Bernove

3. Click **MIME Types...** The following screen is displayed:

	<u>E</u> dit
	Remove
IME type details —	
IME type details — xtension:	

4. Click **New**. Enter the values for the **Extension** and **MIME type** fields as shown below:

1IME Type	
Extension:	<b>v1</b>
MIME type:	javaviewer
	OK Cancel

5. Click **OK**. The new MIME type appears in the **Registered MIME types** (file extensions) text box, as shown below:

1 javaviewe	er	<u>N</u> ew
		<u>E</u> dit
		Remove
IME type details		
IIME type details Extension:	.v1	

6. Click **OK.** 

#### Extra security settings for using HTTP

On Windows 2003 Server with Microsoft IIS 6.0, certain Web services extensions, which are required for accessing a particular application, need to be explicitly enabled.

To add a new Web Service extension:

- Click Start → All Programs → Administrative Tools → Internet Information Services (IIS) Manager, to start the Internet Information Services (IIS) Manager.
- 2. Select the **Web Service Extensions** folder from the left side of the IIS Manager. The following screen is displayed:

🐌 Internet Information Servic	es (IIS) Manager			
🐚 Eile Action <u>V</u> iew <u>W</u> indow	/ <u>H</u> elp			_ 8 ×
	2 是   ▶ ■ Ⅱ			
Internet Information Services	📁 Web Service Extensions			
E G FTP Sites		$\Delta$	Web Service Extension	Status
Application Pools	l	$\mathbb{T}$	All Unknown CGI Extensions	Prohibited
	Allow	$\mathbb{T}$	All Unknown ISAPI Extensions	Prohibited
Def ANTE SMTP Virtual Se	Prohibit	<b>N</b>	Active Server Pages	Allowed
		2	FrontPage Server Extensions 2002	Allowed
	Properties	<u>)</u>	Internet Data Connector	Prohibited
		<u>)</u>	Server Side Includes	Prohibited
	Tasks	2	WebDAV	Allowed
	Add a new Web service extension			
	Allow all Web service extensions for a specific application			
	Prohibit all Web service extensions			
	Open Help			
		•		
	Extended / Standard /			

3. Click the **Add a new Web service extension...** link from the right side of the IIS Manager. The following dialog box is displayed:

•	<u> </u>	-	•	•	
New Web Service Extension					×
Type the name of the new Web must be enabled for the extensi	service ext ion to run.	ension, a	nd specify	the files (	that
Extension name:					
Required files:					
				Add	. 1
				<u></u>	·
				<u>R</u> emov	/e
k −					
Set extension status to Allow	wed				
	OK	Car	ncel	<u>H</u> elp	

4. Enter the name of the file required to run DWSAP 5.1 cServerHttp.dll in the **Extension name** field, as shown below:

New Web Service Extension	×			
Type the name of the new Web service extension, and speci must be enabled for the extension to run.	fy the files that			
Extension name:				
cServerHttp.dll				
Required files:				
	A <u>d</u> d			
	<u>R</u> emove			
Set extension status to Allowed				
OK. Cancel	Help			

5. Click **Add** to add the file. Another dialog box is displayed, as shown below:

Add file	×
Enter the file location and name.	
Path to file:	
	Browse
OK	Cancel

- 6. Click **Browse** and navigate to the Installation directory of DWSAP 5.1.
- 7. Select the **IDMForR3** folder from the DWSAP 5.1 Installation Directory and locate the **cServerHttp.dll** file, as shown below:



8. Select the **cServerHttp.dll** file and click **Open**. The selected file path will appear in the dialog box, as shown below:

🚺 Internet Information Services (IIS) Manager		-OX
🛐 Eile Action View Window Help		_ <del>8</del> ×
	a	
Internet Information :		
FN-2003OS (local Type the name of the new Web service extension, and specify the files that		
FTP Sites must be enabled for the extension to run.	<u>h</u>	Status
	ensions	Prohibited
Web Service E	hsions	Prohibited
E to Default SMTP CServerHttp.dll		Allowed
Dogwied files	ensions 2002	Allowed
	or	Prohibited
Add file		Prohibited
Enter the file location and name		Allowed
Path to file:		
D:\Program Files\FileNet\IDMForR3\cServerHtt Browse		
OK Cancel		
	_	
Extended Standard		

9. Click **OK** to add the file path to the Web service extension. It is displayed in the **Required files** text box, as shown below:

🐌 Internet Information Services (IIS) Manager		
🕤 Eile Action View Window Help		_ <del>8</del> ×
	1	
Wew Veb Service Extension         Internet Information         FTP Sites         Application Pc         Web Service         Extension name:         Extensition name:         Extension	ensions hsions ensions 2002 for	Status Prohibited Prohibited Allowed Prohibited Prohibited Allowed
Set extension status to Allowed		
OK Cancel Help		
•		•
Extended / Standard /		

10. Enable the **Set extension status to Allowed** checkbox and click **OK**. The selected file is added to the New Web Service extension and its status is **Allowed**, as shown below:

🐌 Internet Information Servic	es (IIS) Manager			
🐚 Eile <u>A</u> ction <u>V</u> iew <u>W</u> indov	v <u>H</u> elp			_ <del>8</del> ×
← → E 🖬 🗙 😭 🕏	₿ 😫 💂 🕨 🗉 🗉			
Internet Information Services	📁 Web Service Extensions	_		
FTP Sites		riangle	Web Service Extension	Status
Herein Application Pools		Y	All Unknown ISAPI Extensions	Prohibited
Default Web Site	Allow	Y	All Unknown CGI Extensions	Prohibited
🗄 🍝 Microsoft SharePoir	Prohibit	2	Active Server Pages	Allowed
Web Service Extension:	Proportion		cServerHttp.dll	Allowed
🗄 🦄 Default SMTP Virtual Se	Filipenties		FrontPage Server Extensions 2002	Allowed
			Server Side Jockdes	Prohibited
	Tasks		WebDAV	Allowed
×	Add a new Web service extension     Allow all Web service extensions for a specific application     Prohibit all Web service extensions     Open Heb     Extended			

**Note**: Additionally, the **DocContent.dll** and **DocUpload.dll** files have to be added and their status set to **Allowed.** For further details, refer the FileNet Web Services Administrator's Help.

- 11. Select **Active Server Pages** from the right side and click **Allow**.
- 12. Restart the IIS Server.

#### **Stopping and Starting cServer**

Start cServer: cServer has two components **cServerHTTP** and **cServerRfc** that need to be started for starting up the respective HTTP and RFC functionality of cServer.

For starting cServerRFC, start the **FileNet RFC Service**, which is registered with the service control manager once IDM Services for R/3 is installed on your machine. The service can be started by launching the Services applet that can be reached through the windows control panel.

cServerHTTP is automatically loaded and unloaded by IIS. Once the **World Wide Web Publishing Service** is started, cServerHTTP is loaded and it is started as soon as first request is sent by SAP R/3.

Stop cServer:

To stop cServerRfc, stop the **FileNet RFC Service** using the Services applet.

To stop cServerHTTP, stop IIS by stopping the **World Wide Web Publishing Service** using the Services applet. Stopping the Web site in the Microsoft management console is not sufficient.