# Setting up a print environment with multiple Windows NT or Windows 2000 servers

Back to Administrator procedures

Some print environments require more than one Infoprint Manager server to handle their print management. If you are installing and configuring more than one Infoprint Manager for Windows NT and Windows 2000 server in your print environment, this topic will tell you what you need to do to make those servers work together.

When you install Infoprint Manager, the install process creates a namespace for that server. The *namespace* is a directory structure where Infoprint Manager stores the location information of all of your Infoprint objects, including the server itself, queues and destinations, and the Access Control Lists (ACLs) used by Infoprint Manager Security. On a Windows system, the namespace is located by default at <install path>\var\pddir, where <install path> is the directory that you installed Infoprint Manager in.

If you install a second Infoprint Manager server on another system on your network, that server will create its own namespace and the two serves will operate entirely independent of each other. In some cases, however, you may want your servers to be able to work together. To make Infoprint Manager servers work together, you set up an *interoperating environment* in which two or more Infoprint Manager servers share the same namespace. The namespace resides on one of the servers (the *namespace server*) and the other servers (the *non-namespace servers*) are granted permissions that allow them to use that directory.

With IBM Infoprint Manager for Windows NT and Windows 2000, Version 1, Release 1, you should only set up two or three servers to interoperate (not four or more). Those two or three servers can all be installed on Windows NT systems, all on Windows 2000 systems, or on a combination of Windows NT and Windows 2000 systems. In addition, if you have IBM Infoprint Manager for AIX, it can be one of the three interoperating servers as well.

If you want Infoprint Manager for Windows NT and Windows 2000 and Infoprint Manager for AIX servers to work together, refer to the IBM Printing Systems website. Go to http://www.ibm.com/printers and click the **Infoprint Manager** link, then the **Infoprint Manager for AIX** link. Under **Product Information**, click **3.2 Product Library**, and find the **Infoprint Manager Interoperability** topic for installation and configuration information.

#### Notes:

- 1. You can only install one Infoprint Manager server on a given Windows NT or Windows 2000 workstation or server.
- 2. For your Infoprint Manager servers to work together, they must all operate in the same domain.
- 3. If your users will be submitting jobs directly to actual destinations, the actual destination and the associated queue and logical destination must be on the same server.
- 4. Once you have your multi-server system running, if the system that one of your non-namespace servers is installed on shuts down or is restarted, that

Infoprint Manager server will not restart automatically when the system restarts, even if you have that option selected in the Management Console. You must open the Management Console for that server and start it manually.

- 5. You must set up each of your Infoprint Manager servers so that all of the other Infoprint Manager servers can access them using the same IP address. For example, Ipserv1 sometimes uses the IP address 9.99.155.122 and other times uses 9.89.214.162, depending upon the machine that is trying to connect to it. Ipserv2 and Ipserv3 must be able to access Ipserv1 through the same one of those addresses; if Ipserv2 uses 9.99.155.122 to access Ipserv1, Ipserv3 must use 9.99.155.122 as well.
- 6. If you have more than one network adapter card in the system that Infoprint Manager runs on, the other Infoprint Manager systems must be able to access the system through the IP address that corresponds to the first (or primary) network card in the system.

# **Configuration Example**

The recommended way to set up interoperating Windows servers is to create one domain user account and let all of the Infoprint Manager services use it as their login account. The steps below describes how to set up this type of configuration.

**Note:** It is possible to configure your system so that each Infoprint Manager service has its own domain user account. If you want set up this alternate configuration, you can follow the same basic instructions. However, in step 4, you would create a domain user for each server. Then, when you assign user rights and set up sharing in subsequent steps, you must make sure you use the same user and password consistently on each system.

Follow these steps to have your Infoprint Manager services share a namespace and a log in account.

1. Install all of your Infoprint Manager servers.

Follow the installation instructions in the *IBM Infoprint Manager for Windows NT and Windows 2000: Getting Started*. When you are finished, your servers will all be operating independently.

2. Stop all of your Infoprint Manager servers.

On each system that an Infoprint Manager server runs on, open the Infoprint Manager Management Console and select File --> Stop Server.



3. Decide which server you want to use as the namespace server.

It is highly recommended that you choose your most reliable server to be the namespace server since any disruption of service in the namespace server has an impact on all of the servers in the configuration.

4. Set up the common domain user account that the servers will run under. Windows NT

- a. Log on to the domain that your Infoprint Manager servers operate in as a domain administrator.
- b. Click the Windows Start Button and select Administrative Tools (Common) -> User Manager for Domains.
  - Note: The common user account must be a domain account, not a local user account. Be sure you create the account with User Manager for Domains, not the User Manager for the local system. If User Manager for Domains does not appear in your Start menu, you may have to create this user on the Windows server that is the Primary Domain Controller (PDC) for your domain.



c. In the User Manager window, select User -> New User.



- d. In the New User dialog, do the following:
  - Type a name for this user account.
  - Type a password in both of the password fields.
  - Select the **Password never expires** checkbox so you don't have to change the password and update all of your servers on a regular basis, and clear all of the others.
  - Click Groups.

New User						×
<u>U</u> sername:	Infoprint					Add
Full <u>N</u> ame:						Cancel
Description:						<u>H</u> elp
<u>P</u> assword:	sololok					
<u>C</u> onfirm Password:	m vord:					
User <u>M</u> ust Change Password at Next Logon						
User Cannot Change Password						
✓ Password Never Expires						
C Account Disabled						
	₽	8		R	-5	
<u>G</u> roups	P <u>r</u> ofile	H <u>o</u> urs	<u>L</u> ogon To	<u>A</u> ccount	D <u>i</u> alin	

- e. In the Group Memberships dialog:
  - Find Domain Admins in the Not member of list and click to select it.

Group Memberships			×
User: Infoprint			OK Cancel <u>H</u> elp
Member of:	<u>N</u> 0	ot member of:	
🐼 Domain Users	C-Add	<ul> <li>Domain Admins</li> <li>Domain Guests</li> <li>Guests</li> <li>Print Operators</li> <li>Replicator</li> </ul>	
Set Primary Group: Dor	main Users		

• Click <- Add.

• Select Domain Admins in the Member of list and click Set.

Group Memberships				×
User: Infoprint				OK Cancel <u>H</u> elp
<u>M</u> ember of:		<u>N</u> ot n	nember of:	
🕼 Domain Admins 🚱 Domain Users	<- <u>A</u> dd <u>R</u> emove ->	1 0 0 0 0 0 0 0	Backup Operator Domain Guests Guests Print Operators Replicator	s A
Set Primary Group: Do	omain Users			

- OTF command.
- f. In the New User dialog, click Add to create this user.
- g. Click **Close** to dismiss the dialog.
- h. Verify that the user you just created appears in the list of users in the User Manager window, then close it.

#### Windows 2000

- a. Log on to the domain that your Infoprint Manager servers operate in as a domain administrator.
- b. Click the Windows Start button and select Programs --> Administrative Tools --> Active Directory Users and Computers.
- c. In the left pane of the **Active Directory Users and Computers** window, find the **Users** item.

d. Right-click the **Users** directory and select **New** -> **User** from the pop-up menu.

🐗 Active Dire	ctory Users and Comp	uters		
] 🎻 ⊆onsole	<u>W</u> indow <u>H</u> elp			
Action Vie	₩  ] ⇐ ⇒   ि 🖬	$  \times$	r 🗗	ן
Tree		Users	21 objects	
Active Direc	tory Users and Computer	Name	e	Туре
📄 🗊 ipm.pen	n.boulder.ibm.com	🕵 Dr	nsUpdatePr	Secu
📗 😟 💼 Built	in	😨 Do	omain Admins	Secu
📙 🗄 Corr	puters	😨 Do	omain Comp	Secu
📃 🗄 🐼 Dom	ain Controllers	<b>D</b>	omain Contr	Secu
🗄 🗄 👘 Fore	eignSecurityPrincipals	<b>D</b>	omain Guests	Secu
Use 🗠 🗌	Delegate Control	i la	omain Users	Secu
	Find	l r	terprise Ad	Secu
		h	oup Doligu	Sacu
	New	•	Computer	
	All Tasks	•	Contact	
Create a new o			Group	
	view		Printer	
	New Window from Here		User	
	Refresh		Shared Folde	ŧζ

e. In the first dialog of the **New Object – User** wizard, type a name for this user in the **Full name** and the **User logon name** fields.

Note: You do not have to fill in the other name fields.

New Object - User	×
Create in: ipm.penn.t	boulder.ibm.com/Users
First name:	Initials:
Last name:	
Full name: Infoprint	
User logon name:	
Infoprint	@ipm.penn.boulder.ibm.com
User logon name (pre-Windows 20	100):
IPM\	Infoprint
	< Back Next > Cancel

- f. Click Next.
- g. In the second dialog of the **New Object User** wizard, enter a password for this user. It is recommended that you select the **Password never expires** check box so you don't have to change the password and update

all of your servers on a regular basis, and clear all of the others.

New Object - User 🛛 🗙
Create in: ipm.penn.boulder.ibm.com/Users
Password:
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
< Back Next > Cancel

- h. Click Next to verify the settings for the user and complete the wizard.
- i. Once you have created the user, right-click the user in the right pane of the Active Directory Users and Computers window and select Add members to a group from the pop-up menu.

Users 22 objects			
Name	Туре		Description
Enterprise Ad Group Policy Guest Ignatz P. User	Security Gr Security Gr User User	oup oup	Designated administrators Members in this group can Built-in account for guest .
<ul> <li>Infoprint</li> <li>ipserver</li> <li>IUSR_IPMDC</li> <li>IWAM_IPMDC</li> <li>krbtgt</li> <li>RAS and IAS</li> <li>Schema Admins</li> </ul>	User User User User Security Gr Security Gr	Copy Add Disat Rese Move Oper Send	/ members to a group ble Account et Password e h home page I mail

j. In the **Select Group** dialog, find and select the Domain Administrators (or Domain Admins) group. OTF command to add your user to the group.

Note: You can leave the Name field blank.

Select Group		? >
Name	In Folder	
🕺 Domain Admins	ipm.penn.boulder.ibm.com/Users	
🕵 Domain Users 🛛 🕅	ipm.penn.boulder.ibm.com/Users	
🕵 Domain Guests	ipm.penn.boulder.ibm.com/Users	
🕵 Group Policy Creator Owners	ipm.penn.boulder.ibm.com/Users	
🕵 DnsUpdateProxy	ipm.penn.boulder.ibm.com/Users	
🐻 RAS and IAS Servers	inm nenn houlder ihm com/Llsers	<b>•</b>
Name:		
	OK	Cancel

5. Grant the appropriate user rights to the new domain user on all of the systems that Infoprint Manager is installed on.

#### Windows NT

- a. Log on to one of the systems as a user who is a member of the Domain Administrators group.
- b. Start the User Manager for that system by clicking the Windows Start button and selecting Programs -> Administrative Tools -> User Manager.
- c. In the User Manager, select Policies -> User Rights.



d. In the User Rights Policy dialog, select the Show Advanced User Rights checkbox, then select Act as part of the operating system in the Right

drop-down list and click Add.

User Rights Policy	×
Computer: JS57963	OK
Right: Act as part of the operating system	Cancel
<u>G</u> rant To:	<u>H</u> elp
	Add
	<u>R</u> emove
,	
☑ Show Advanced User Rights	

e. In the Add Users and Groups dialog, select the domain that your Infoprint Manager system operates in from the List names from drop-down list and click Show Users.

Add Users and Groups	×
List Names From: 😰 \\JS57963*	•
<u>N</u> ames:	
Administrators Authenticated Users Backup Operators Everyone Guests INTERACTIVE NETWORK Power Users	Members can fully administer the comp. All authenticated users Members can bypass file security to bac All Users Users granted guest access to the comp Users accessing this object locally Users accessing this object remotely Members can share directories and print
Add Names:	Members <u>Search</u>
	*
ОК С	Cancel <u>H</u> elp

f. Find the domain user that you created in step 4 on page 2 in the **Names** box, and select it, then click **Add**. The domain user name will appear in the **Add Names** box.

- g. OTF command.
- h. Repeat from step 5d on page 9 for two other rights: Create permanent shared objects and Log on as a service.
- i. Repeat from step 5a on page 9 on all of the other systems that Infoprint Manager runs on.

### Windows 2000

- a. Log on to one of the systems as a user who is a member of the Domain Administrators group.
- b. Click the Windows Start button and select Settings --> Control Panel.
- c. In the Control Panel window, double-click the Administrative Tools icon.
- d. In the **Administrative Tools** window, double-click the **Local Security Policy** icon.
- e. In the right pane of the Local Security Settings Window, double-click Local policies.



f. Double-click User Rights Assignment in the right pane.

F Local Security Settings					
Action View ← →   Ē 💽 × Ē 😰					
Tree	Name 🛆	Description			
Security Settings	🖼 Audit Policy	Audit Policy			
🗄 💼 Account Policies	User Rights Assignment	User rights assignments			
🗄 通 Local Policies	Security Options りん	Security Options			
🗄 🗐 Public Key Policies					
🗄 🗐 IP Security Policies on					

g. In the list of user rights, select **Act as part of the operating system** and double click it.

🖥 Local Security Settings				
$   \underline{A}_{\text{ction}}  \underline{\forall}_{\text{jew}}    \Leftrightarrow \rightarrow   \textcircled{E}  \boxed{\blacksquare}  \times  \boxed{\blacksquare}  \boxed{\textcircled{2}} $				
Tree	Policy A	Local Setting		
Security Settings	Baccess this computer from the net	IPM\IUSR_IPMDC,E		
🗄 📑 Account Policies	Act as part of the operating system			
🗄 🔂 Local Policies	Add workstations to domain	5		
🕂 💼 Audit Policy	Back up files and directories	Backup Operators,		
🗄 💼 User Rights Assigr	Bypass traverse checking	Everyone,Users,Po		
🗄 💼 Security Options	Change the system time	Power Users, Admini		

h. In the Local Security Policy Setting dialog, click Add.

Local Security Policy Setting		? ×
Act as part of the ope	erating system	
Assigned To	Local Policy Setting	Effective Policy Setting
		_
		_
1		
Add		
If domain-level policy settings are o	defined, they override l	ocal policy settings.
	OK	Cancel

i. In the **Select Users or Groups** dialog, click the arrow on the drop-down list box and select the domain that your Infoprint Manager servers exist in.

🕼 Select Users or Groups		? ×
Look in: 🗊 ipm.penn.boulder.ibm.com		<b>•</b>
Name	In Folder	
🕵 ipserver (ipserver@ipm.penn.boulder.ibm.com)	ipm.penn.boulder.ibm.com/Users	
🖸 🕵 Ignatz P. User (ipuser@ipm.penn.boulder.ibm.c	ipm.penn.boulder.ibm.com/Users	
🕵 Infoprint (Infoprint@ipm.penn.boulder.ibm.com)	ipm.penn.boulder.ibm.com/Users	
🕂 💯 Domain Computers	ipm.penn.boulder.ibm.com/Users	
🕂 💯 Domain Controllers	ipm.penn.boulder.ibm.com/Users	
🕵 Schema Admins	ipm.penn.boulder.ibm.com/Users	_
🕵 Enterprise Admins	ipm.penn.boulder.ibm.com/Users	<u> </u>
Add Check Names		
<< Type names separated by semicolons or choose fro	om list >>	
,	OK Ca	ancel

- j. Find and select the domain user you created, and click Add.
- k. OTF command in the Select Users or Groups dialog.
- I. OTF command in the Local Security Policy Setting dialog.
- m. Repeat from step 9g on page 11 for two other user rights: **Create permanent shared objects** and **Log on as a service**.
- 6. Set up sharing for the namespace directory on the namespace server.
  - a. Log on to the namespace server.
  - b. Open the Infoprint Manager Management Console and select Edit --> Service Configuration.



c. Make note of the directory listed in the **Base namespace path** field. The path will be <install path>\var\pddir.

Paths	
Install path:	C:\Program Files\IBM Printing Systems
Base namespace path:	C:\Program Files\IBM Printing Systems\var\pddir

- d. Open Windows NT/2000 Explorer and navigate to that directory.
- e. Right-click the folder for that directory and select **Sharing...** from the pop-up menu.

💐 Exploring - pddir	
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>T</u> ools <u>H</u> elp	
All Folders	Contents
🛨 💼 tspaces 🔺	Name
uconvtab	acl 🗐
È	📄 printer
₽ ₽d	aueue 🗐
pdbk	erver 🚞
Den Navnt Open	
	op Pro
Outlook E: Scan with Norton An	tiVirus
En Beal Snaring	

f.

On Windows NT:

1) In the dialog that opens, select **Shared as**, and verify that **pddir** appears in the **Share Name** text box.

pddir Properties ? 🗙
General Sharing
○ Not Shared         ● Shared As:         Share Name:       pddir         Comment:
Permissions
OK Cancel Apply

2) Click Permissions.

3) In the Access through Share Permissions dialog, click Add.

Access Through	n Share Permis	ssions		×
Access Through <u>O</u> wner: <u>N</u> ame:	h <u>S</u> hare:	pddir		
() Everyone			Full Control	
<u> </u>	Type of Access: Cancel	Full Control	<u>R</u> emove	▼ <u>H</u> elp

4) In the Add Users and Groups dialog, select the correct domain from the List Names From drop-down list and select Domain Admins in the Names box.

Add Users and Groups	×
List Names From: RPRINTERS	•
Names:	_
C Domain Admins	Designated administrators of the domain
Comain Guests	All domain guests
Comain Users	All domain users
<b>R</b> DPRT	Jon Mondragon Devleopment/Finance A
<b>RVRTEAM</b>	Driver Development Team
<b>W</b> ENDICOTT Change	ENDICOTT Change (Finshare)
ENDICOTT Read	ENDICOTT Read (Finshare)
CRENDICOTT ReadWrite	ENDICOTT ReadWrite (Finshare) 📃
Add Show User	rs <u>M</u> embers <u>S</u> earch
	×
Type of Access: Read	•
ОК	Cancel <u>H</u> elp

5) Click Add.

**Note:** You may want to add the local administrators group to the list as well.

6) Select Full Control from the Type of Control drop-down list.

Add Users and Groups		X
List Names From: BPRINTERS	•	
Names:		
© 00_Plans Change © 00_Plans Read © 00_Plans ReadWrite	00_Plans Change (Finshare) 00_Plans Read (Finshare) 00_Plans Read/Write (Finshare)	1
CR99_Plans Change CR99_Plans Read CR99_Plans ReadWrite CRACS Change	99_Plans Change (Finshare) 99_Plans Read (Finshare) 99_Plans Read/Write (Finshare) ACS Change Group	
<b>AFPEC</b>	AFPEC Group share Bob Chansler	•
Add Show Users	s <u>M</u> embers <u>S</u> earch	
A <u>d</u> d Names:		
PRINTERS\Domain Admins; JS5796	33ZVAdministrators	*
Iype of Access: Full Control	-	
ОК	Cancel <u>H</u> elp	

7) Click OK.

8) In the Access through Share Permissions dialog, select the Everyone group and click Remove.

Access Through Share Permissions		×
Access Through <u>S</u> hare: pddir <u>O</u> wner: <u>N</u> ame:		_
C Administrators	Full Control	- 1
Ivpe of Access: Full Control		•
OK Cancel Add	<u>R</u> emove <u>H</u> elp	

9) Click OK.

Windows 2000:

1) In the dialog that opens, select **Share this folder**, and verify that **pddir** appears in the **Share Name** text box.

pddir Properties	×
General Web Sharing Sharing Security	
You can share this folder among other users on your network. To enable sharing for this folder, click Share this folder.	
O Do not share this folder	
Share this folder	
Share name: pddir	
Comment:	
User limit:   Maximum allowed	
C Allow Users	
To set permissions for how users access this folder over the network, click Permissions.	
To configure settings for Offline access to Caching Caching	
OK Cancel Apply	

2) Click Permissions.

3) In the Permissions for pddir dialog, click Add.

Permissions for pd	dir		? ×
Share Permissions			(
Name			Add
, Permissions:		Allow	Deny
Full Control Change Read		25	
	OK	Cancel	Apply

4) In the **Select Users, Computers, or Groups** dialog, select the correct domain from the **Look in** drop-down list and find **Domain Admins** in

the Names box.

Select Users, Computers, or Gr	oups	? ×
Look in: 🗊 PRINTERS		•
Name	In Folder	<b></b>
👥 Domain Admins	PSFNT	
💯 Domain Guests	PSFNT	
🕵 Domain Users	PSFNT	
AFORD	PSFNT	<u> </u>
	PSFNT	
BLL22A	PSFNT	
E CANNONDALE	PSFNT	<u> </u>
Add Check Names		
<< Type names separated by semicol	ons or choose from list >>	
,		
	_	OK. Cancel

5) Click Add.

**Note:** You may want to add the local Administrators group to the list as well.

- 6) Click OK.
- 7) In the **Permissions for pddir** dialog, select **Domain Admins** in the **Name** box, and make sure **Full Control** is allowed in the **Permissions**

box.

Permissions for pddii	٢		? ×
Share Permissions			
Name Domain Admins	: (PSFNT\Domair	n Admins)	Add Remove
, Permissions:		Allow	Deny
Full Control Change Read		S S S	
	OK	Cancel	Apply

8) Remove the Everyone group from the Name box and click OK.

Permissions for pddi	۲		? ×
Share Permissions			
Name	: (PSFNT\Domair	n Admins)	Add Remove
Permissions:		Allow	Deny
Full Control Change Read		9 9 9	
	ОК	Cancel	Apply

- 7. Map the connections to the namespace directory on all of the other servers.
  - a. Log on to one of your non-namespace systems as a user who is an administrator on that system.
  - b. Open Windows NT/2000 Explorer and select Tools --> Map Network Drive.

🔍 E	xplori	ng - pddir				
<u>F</u> ile	<u>E</u> dit	⊻iew	<u>T</u> ools	<u>H</u> elp		
All Fo	olders		<u>F</u> ind	I	•	
		÷	<u>M</u> ap <u>D</u> isc	Network Drive onnect Network Drive		
			<u>G</u> o te	o		

c. Specify the user and password to use. Windows NT

- 1) In the Map Network Drive dialog,
  - a) In the **Drive** field, select a drive letter that you are not currently using.
  - b) In the Path field, type the Universal Naming Convention (UNC) name of the directory you shared on the namespace server in this format: \\namespaceserver\sharename.

Map Network	< Drive	×
<u>D</u> rive:		ок
<u>P</u> ath:	\\namespaceserver\sharename	Cancel
<u>C</u> onnect As:	Infoprint	<u>H</u> elp
	Reconnect at Logon	

- 2) Type the user that you created in step 4 on page 2 in the **Connect as** field, and select **Reconnect at logon**.
- **3)** OTF command. A dialog will open and will ask you to enter the password for this user.
- 4) Type the password that you set for this user in step 4 on page 2, and click **OK**.

#### Windows 2000

1) In the **Map Network Drive** dialog, select a drive letter that you are not currently using from the drop-down menu in the **Drive** field.

Map Network Drive		×	
	Windows can help you connect to a shared network folder and assign a drive letter to the connection so that you can access the folder using My Computer. Specify the drive letter for the connection and the folder that you want to connect to:		
	Drive: Folder:	X:     Image: State in the stat	
		Connect using a <u>different user name</u> . Create a shortcut to a <u>Web folder or FTP site</u> .	
		< Back Finish Cancel	

- 2) In the Folder field, type the Universal Naming Convention (UNC) name of the directory you shared on the namespace server in this format: \\namespaceserver\sharename.
- 3) Select Reconnect at logon.
- 4) Click the Connect using a different user name link.

5) In the **Connect As** dialog, type the user name and password that you created in step 4 on page 2.

Connect As			×
By default, you IPM\Administrat user name and p	will connect to or. To connect bassword below	the network fo as another use v.	lder as er, enter their
User name:	Infoprint		Browse
Password:	****		
		ок	Cancel

- 6) OTF command in the **Connect As** dialog.
- 7) Click Finish in the Map Network Drive dialog.
- d. Repeat on all of your Infoprint Manager systems except the namespace system.
- 8. Set up each Infoprint Manager server to use the new user account and namespace.

# On the namespace system

- a. Log on as a user who is a member of the Administrators group.
- b. Open the Management Console and select Edit --> Service Account/Domain.



c. Enter the name of the domain that the Infoprint Manager servers are installed in and the user name and password from step 4 on page 2.

Service Account/Domain	? ×
Domain (blank = local): User account: Password:	PRINTERS Infoprint
OK Cancel	Help

d. OTF command.

# On the other systems

- a. Log on as a user who is a member of the Administrators group.
- b. Open the Management Console and select Edit --> Service Account/Domain.

ŤΜ	lanag	ement	Console	for Info	print h	lanager	Se
<u>F</u> ile	<u>E</u> dit	⊻iew	<u>O</u> ptions	<u>D</u> ebug	<u>H</u> elp		
Ē	<u>0</u> p Ne	en				Ctrl+O	
P	<u>D</u> e	lete					÷
	Se	rvice Co	onfiguratio	n			
	Sei	rvice Ad	ccount/Do	omain			
	MV Mig	/S Dow grate W	nload Mar indows Pri	agement. inter to Ini	 foprint		

c. Enter the name of the domain that the Infoprint Manager servers are installed in and the user name and password from step 4 on page 2.

Service Account/Domain	?	х
Domain (blank = local):	PRINTERS	
User account:	Infoprint	
Password:	жининики	
OK Cancel	Help	

d. OTF command.

e. Select Edit --> Service Configuration.



f. Clear the **Base namespace path** field and type the drive letter that you mapped to the namespace in step 7 on page 23 followed by a colon.

Paths	
Install path:	C:\Program Files\IBM Printing Systems
Base namespace path:	×:
Remote namespace folder:	\\namespaceserver\sharename

- g. In the **Remote namespace folder** field, type the Universal Naming Convention (UNC) name of the directory you shared on the namespace server in this format: \\*namespaceserver*\*sharename*.
- h. OTF command.
- i. Repeat on all of the other non-namespace Infoprint Manager server systems.
- 9. Disable all of the Infoprint Manager Notification servers except the one on your namespace system.

A notification server was installed and started with each of your Infoprint Manager servers. Now that the namespace is shared, however, you only need to run one. To disable the notification servers, do the following on each system except your namespace system. a. In the Management Console, select Edit --> Service Configuration.



b. In the **Settings** group box, clear the **Run notification server on this system** checkbox.

Settings
Automatically start server during system startup
Automatically start IPP gateway during system startup
Confirm object delete
Run notification server on this system

- c. Click OK.
- d. Repeat on all of your non-namespace systems.
- 10. Restart all of the Infoprint Manager servers.

On each system that the Infoprint Manager server runs on, open the Management Console and select File --> Start Server.



- 11. Verify that all of the servers now share the namespace.
  - a. Log on to your namespace system.
  - b. Start the Infoprint Manager Administration GUI.
  - c. Select Server -> Show all servers.

You should see a list of all of the servers that are using the namespace. If any of the servers that you configured to use this namespace do not appear, stop the servers and check the settings that you changed in step 7 on page 23 for that server.

# 12. Configure Infoprint Manager Security.

Use the Management Console on the namespace server to set up security for your printing system. See the **Managing Security** Administration topic and the online help in the Management Console for more information on administering security groups and Access Control Lists (ACLs).

**Note:** Because Access Control Lists (ACLs) are shared across the namespace, the ACLs for your namespace server now apply to all of the servers.

Back to Administrator procedures