NAMESPACES

Once DFS has been installed on your LaCie professional server, you can create Namespaces to organize Target folders and files.

CREATE THE NAMESPACE

New Namespace

- 1. To launch the *New Namespace Wizard*, go to **Start > Administrative Tools > DFS Management > New Namespace**.
- 2. The first window prompts you to select the server that will host the Namespace. You can type the name of the server or search for it using the **Browse...** button. Click **Next>**.

🐴 New Namespace Wizard	
Namespace Se	erver
Steps:	Enter the name of the server that will host the namesoace. The server you specify
Namespace Server	will be known as the namespace server.
Namespace Name and Settings	Server:
Namespace Type	12bignetwork-1 Browse
Review Settings and Create Namespace	
Confirmation	
	For more information about namespace server requirements, see <u>DFS</u> <u>Management Help</u>
	< Erevious Next > Cancel

3. Enter a name for the new Namespace.

🍄 New Namespace Wizard	
Namespace N	ame and Settings
Steps:	Enter a name for the namespace. This name will appear after the server or domain
Namespace Server	name in the namespace path, such as \\Server\Name or \\Domain\Name.
Namespace Name and Settings	Name:
Namespace Type	LaCie_Files
Review Settings and Create Namespace	Example: Public
Confirmation	If necessary, the wizard will create a shared folder on the namespace server. To modify the settings of the shared folder, such as its local path and permissions, click Edit Settings.
	Edit Settings
	< <u>Previous</u> <u>N</u> ext > Cancel

- 4. To modify the settings for the Namespace, click **Edit Settings...** and see the next step.
- 5. In this example, we are creating a path for the Namespace in D, the letter assigned to the 12big Rack Storage Server-1 (12BIGNETWORK-1) Data volume. As a default, Windows Storage Server creates *DFSRoots* to better identify the DFS in comparison with other files. The name can be changed by the administrator. Click **OK** then **Next>**.

Edit Settings	×
Namespace server:	
12bignetwork-1	
Shared folder:	
LaCie_Files	
Local path of shared folder:	
D:\DFSRoots\LaCie_Files Browse	
Shared folder p <u>e</u> missions:	
Administrators have full access; other users have read and write permissions	
O Use custom permissions: Customize	
OK Cancel	

6. Choose the type of Namespace you wish to create: domain-based or stand-alone. Click **Next>**.

Steps: Select the type of namespace to create. Namespace Server	🍄 New Namespace Wizard		_ 🗆 🗵
Steps: Select the type of namespace to create. Namespace Server Mamespace Name and Settings Namespace Type Adomain-based namespace is stored on one or more namespace servers and in Active Directory Domain Services. You can increase the availability of a domain-based namespace by using multiple servers. When created in Windows Server 2008 mode, the namespace supports increased scalability and access-based enumeration. Confirmation Image: Enable Windows Server 2008 mode Preview of domain-based namespace: Nacie.com/LaCie_Files Vacie.com/LaCie_Files Image: Store of the stor	Namespace Ty	уре	
Namespace Server • Domain-based namespace Namespace Name and Settings • Domain-based namespace is stored on one or more namespace servers and in Active Directory Domain Services. You can increase the availability of a domain-based namespace supports increased scalability and access-based enumeration. Review Settings and Create Energie Windows Server 2008 mode, Namespace Energie Windows Server 2008 mode, Confirmation Energie Windows Server 2008 mode, Preview of domain-based namespace: [Nacie.com/LaCie_Files Confirmation Energie Windows Server 2008 mode, Preview of domain-based namespace: [Nacie.com/LaCie_Files Complexed and the namespace is stored on a single namespace server. You can increase the availability of a stand-alone namespace by hosting t on a failover cluster. Preview of stand-alone namespace: N12bignetwork-1\LaCie_Files For more information about namespace types and scalability guidelines, see DES Management Help.	Steps:	Select the type of namespace to create.	
Review Settings and Create Namespace increased scalability and access-based enumeration. Confirmation Enable Windows Server 2008 mode Preview of domain-based namespace: [\Nacie.com\LaCie_Files C Stand-alone namespace A stand-alone namespace is stored on a single namespace server. You can increase the availability of a stand-alone namespace by hosting it on a failover cluster. Preview of stand-alone namespace: [\N12bignetwork-1\LaCie_Files For more information about namespace types and scalability guidelines, see DES Management Help.	Namespace Server Namespace Name and Settings Namespace Type	Domain-based namespace A domain-based namespace is stored on one or more namespace servers and in Active Directory Domain Services. You can increase the availability of a domain-based namespace by using multiple servers. When created in Windows Server 2008 mode the namespace supports	
Confirmation Enable Windows Server 2008 mode Pteview of domain-based namespace: Nacie.com\LaCie_Files Vacie.com\LaCie_Files Stand-alone namespace A stand-alone namespace is stored on a single namespace server. You can increase the availability of a stand-alone namespace by hosting it on a failover cluster. Preview of stand-alone namespace: \\\12bignetwork-1\LaCie_Files For more information about namespace types and scalability guidelines, see DES Management Help.	Review Settings and Create Namespace	increased scalability and access-based enumeration.	
< Previous Cancel	Confirmation	Enable Windows Server 2008 mode Preview of domain-based namespace: Nacie.com\LaCie_Files Stand-alone namespace A stand-alone namespace is stored on a single namespace server. You can increase the availability of a stand-alone namespace by hosting it on a failover cluster. Preview of stand-alone namespace: N12bignetwork-1\LaCie_Files For more information about namespace types and scalability guidelines, see DES Management Help.	incel

7. Review the choices you have made for the Namespace and click **Create**.

🐴 New Namespace Wizard	
Review Setting	gs and Create Namespace
Steps:	You selected the following settings for the new namespace. If the settings are
Namespace Server	correct, click Create to create your new namespace. To change a setting, click Previous, or select the appropriate page in the orientation pane.
Namespace Name and Settings	Namespace settings:
Namespace Type	Namespace
Review Settings and Create Namespace	Namespace name: \Vacie.com\LaCie_Files Namespace type: Domain (Windows 2000 Server mode)
Confirmation	Namespace server: I Zoignetwork-1 Root shared folder: A shared folder: will be created if one does not exist. Local path of namespace shared folder: D:\DFSRoots\LaCie_Files Permissions for namespace shared folder: Everyone read only
	< <u>P</u> revious Cr <u>e</u> ate Cancel

8. Once finished, a *Confirmation* window will appear.

🐴 New Namespace Wizard			
Confirmation			
Steps:			
Namespace Server	You have successfully completed the New	Namespace Wizard.	
Namespace Name and Settings			
Namespace Type	Tasks Errors		1
Review Settings and Create	Task	Status	
Namespace	Create namespace.	Success	
Confirmation			
	<u>P</u>		
			Close

9. The Namespace has been added to the server.

DFS Management		X
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🗢 🔿 🖄 🔜 🚺		
Price DFS Management	\\lacie.com\LaCie_Files (Domain-based in Windows 2000 Server mode)	
E 🏭 Namespaces	Namenage Servers Dulastical County	_
Replication	Namespace Namespace Servers Delegation Search	1
-		-1
	Type Path A Site	-11
		-11

Add a Namespace Server (Domain only)

Once a new Namespace is created, you can add it to other servers in the domain. While many of the steps are similar, this process is not the same as making a new or separate Namespace.

- 1. Create the first Namespace as instructed above.
- 2. Go to Start > Administrative Tools > DFS Management > Namespaces.
- 3. Right-click on the Namespace to select Add Namespace Server....



4. Choose the destination server. Click Edit Settings...

Add Namespace Server	×
Namespace:	
\Vacie.com\LaCie_Files	
Namespace <u>s</u> erver:	
12BIGNETWORK-2	Browse
Path to shared folder:	
\\12BIGNETWORK-2\LaCie_Files	
To modify the settings of the shared folder, such as its local p folder permissions, click Edit Settings.	bath and shared
Edit Settings	
ОК	Cancel

5. Choose the path for the Namespace folder on the server. Click \mathbf{OK} .

Edit Settings	×
Namespace server:	
12BIGNETWORK-2	_
Shared folder:	
LaCie_Files	
Local path of shared folder:	_
D:\DFSRoots\LaCie_Files Browse	
Shared folder permissions: Image: All users have read-only permissions All users have read and write permissions All users have read and write permissions Administrators have full access; other users have read-only permissions Administrators have full access; other users have read and write	
permissions	
Customze	
OK Cancel	

6. The Namespace will be created on the new server.

orking: Check Distributed File System service statu	S.	Close
		<< <u>D</u> etails
asks Errors		
Task	Status	
🕗 Verify server name.	Success	
🕗 Validate shared folder.	Success	
	In progress	
Check Distributed File System service status.		
Check Distributed File System service status. Create the shared folder if it does not exist.	Not started	

- 7. For our example, the same steps would be repeated for the third LaCie professional server, the 5big Office+ (5BIGSTORAGE).
- 8. This screenshot shows the Namespace on all three servers in the domain *lacie.com*.



Namespace: Creating Tree Folders and Adding Shared Folders

Once the Namespace has been created and added to other servers in the domain, the administrator can begin to create Tree folders. The Tree folders will help to organize the Shared Folders within the Namespace. In this example, Tree folders are based upon the department or business unit (i.e. Accounting).

Create Tree Folders

- 1. Go to **Start > Administrative Tools > DFS Management > Namespaces** (*LaCie_Files*).
- 2. Right-click on the server Namespace and choose New Folder...

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🐴 File Action V	iew Window Help				
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DFS Management		\\lacie.com\L	aCie_Fil	es (Doma	in-based in Wind
Namespaces	Now Folder	Namonago	Jamespa	ce Servers	Delegation S
Replication	Add Namespace Serve	er	-		
	Delegate Management	t Permissions			
	Remove Namespace fr	rom Display	BIGNE	TWORK-1	aCie_Files
	View	,	BIGNE	TWORK-2	aCie_Files
	New Window from Her	e	IGSTO	RAGE\LaCie	_Files
	Delete				
	Refresh				
	Properties				
	Help				

3. Type the name of the folder. This is the name of one of the Tree folders. Click **Add...**

New Folder
Name:
Accounting
Preview of namespace:
\Vacie.com\LaCie_Files\Accounting
Folder <u>t</u> argets:
Add <u>E</u> dit <u>R</u> emove
For more information about namespace folders, see <u>DFS Management</u> <u>Help</u>
OK Cancel

- 4. Create additional Tree folders as in Step 3. Click ${\bf OK}$ when finished.
- 5. The screenshot below illustrates the Tree folders shown earlier on *Table 03 A Single Namespace with Folder Hierarchy*.

Spec Management	
File Action View Window Help	- 67
OFS Management Manespaces Manespaces Manespaces Maccounting Accounting	\\lacie.com\\LaCie_Files (Doman-based in Windows 2000 Server mode) Namespace Namespace Servers Delegation Search 5 entries Senties Senties Search
Common Resources	Type Name /
Software Development	Common Resources
Replication	Creative Services
	Marketing

6. Our example has offices in New York and Paris. Earlier, the administrator created Shared Folders for the Americas and Europe. Now, he will create Target folders to act as links to the Shared Folders. Right-click on one of the Tree folders and select **New Folder...**



7. Type the name of the folder. This is the name of one of the Target folders.

New Folder	×
Name:	
Europe	
Preview of namespace:	
\Vacie.com\LaCie_Files\Accounting\Europe	
Folder <u>t</u> argets:	
	-
Add <u>E</u> dit	
For more information about namespace folders, see <u>DFS Management</u> <u>Help</u>	
OK Cancel	

- 8. To create the links to Shared Folders, click Add...
- 9. The *Browse for Shared Folders* window will appear. Click **Browse...** to select the Server with the Shared folder. From Table 03 A Single Namespace with Folder Hierarchy, we know that Accounting Europe is stored on 12BIGNETWORK-1.



10. Select the Shared folder then click **OK**.

11. An Add Folder Target pop-up window will appear. Confirm your selection and click **OK**.



12. Click **OK** again.

New Folder
Name:
Europe
Preview of namespace:
\Vacie.com\LaCie_Files\Accounting\Europe
Folder targets:
\\12BIGNETWORK-1\Accounting Europe
Add Edit <u>R</u> emove
For more information about namespace folders, see <u>DFS Management</u> <u>Help</u>
OK Cancel

13. Repeat the same steps for additional Target folders.

New Folder	×
Name:	
Americas	
Preview of namespace:	
\Vacie.com\LaCie_Files\Accounting\Americas	
Folder <u>t</u> argets:	
\\5BIGSTORAGE\Accounting Americas	
Add <u>E</u> dit <u>R</u> emove	
For more information about namespace folders, see <u>DFS Management</u> <u>Help</u>	
OK Cancel	

14. The screenshot below shows the server directory after creating the Accounting Tree folder and adding the Target folders.

🍄 DFS Management	-	
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DFS Management DFS Management DFS Management Mace.com/LaC/E_Fles Marcicas DFrope Common Resources Corrective Services Marketing Software Development Repication	Accounting Namespace Zenties Type Rame Rame <td></td>	
	J	

15. This screenshot shows the same directory after adding all the Target folders to the Tree folders.

🍄 DFS Management	_ D ×
Eile Action View Window Help	×
🗢 🔿 📶 🔝 🖬	
CFS Management	\\lacie.com\LaCie_Files (Domain-based in Windows 2000 Server mode)
Namespaces Namespaces Annu Acie Files	Namespace Namespace Servers Delegation Search
Accounting	5 entries
Americas	Tuna Nama (
Common Resources	Accounting
Americas	Common Resources
Creative Services	Creative Services
Americas	Marketing
Europe Marketing	Software Development
Americas	
 Software Development 	
Americas	
Replication	

16. Here we see the workstation directory. Note that only one network drive is mounted, the Namespace *LaCie_Files*. Access to the folders and files is now easy to manage.

