

# TECHNICAL BRIEF: DFS

This Technical Brief is a valuable resource to learn how to integrate DFS Namespaces and DFS Replication into your LaCie professional server. While an exhaustive explanation of Windows® File Services is beyond the scope of this Technical Brief, LaCie encourages users and network administrators to further their understanding via the numerous books, instruction manuals, courses, and web sites on this subject.

## DISTRIBUTED FILE SYSTEM (DFS)

A network administrator uses a distributed file system (DFS) to maintain and share the numerous files stored on the company server(s). Important functions such as data security, permissions, and accessibility are integrated into the DFS.

A key feature for LaCie professional servers is DFS Management, a role service that is part of Windows Server File Services. This document highlights two key role services that are part of DFS Management:

- DFS Namespaces (DFS-N)
- DFS Replication (DFS-R)

**Technical note:** File Services DFS-N and DFS-R must be installed on your LaCie professional server before creating Namespaces and enabling replication. Go to **Server Manager > Roles > Add Role Services**. Select the role services **Distributed File System** and click Install.

## ADMINISTRATOR

In order to review, confirm, or redefine the software settings on your LaCie professional server, you must have Administrative rights to the device.