



DATA SHEET

Distributed File System (DFSN and DFSR) in depth workshop

For Windows Server ® 2003R2, 2008 and 2008 R2

Detailed instruction combined with solid high quality practice labs prepares students to successfully deploy and support distributed File System environments.

This course provides an in depth knowledge of the Distributed File System services implemented by Windows Server ® 2003R2, Windows Server ® 2008 and Windows Server ® 2008R2. It addresses in detail the two components of DFS: DFSN and DFSR.

Microsoft ® DFSN service is increasingly used to store business-critical information and is essential for sharing data for users within your IT infrastructure.

Microsoft ® DFSR service is a key component allowing data to be replicated between servers, providing both fault-tolerance and data collection mechanisms. Starting with Windows Server ® 2008, it is also a major component of the Directory Services technologies as it can be used to replicate SYSVOL.

Key Focus Areas

Knowledgeable trainers and high quality hands-on labs will facilitate solid understanding of core technologies covered in this course. In addition to a deep architectural and functionality view of both DFSN and DFSR services, this workshop covers in detail their administration, monitoring and troubleshooting. It will help you identify and solve issue proactively. It will even help you to developing your own monitoring tools for controlling DFSR health.

Agenda

This workshop is delivered in 3 days. It covers the following chapters:

- DFSN:
 - History.
 - Overview.
 - Consideration for choosing a name space.
 - Administration.

- DFSN Name consolidation.
- DFSN Internals.
- DFSN Design consideration.
- Monitoring.
- DFSN and Access Based Enumeration.
- Domain Base Namespace Migration.

- DFSR:
 - Introduction to DFSR
 - Similarities / differences between DFSR and FRS.
 - DFSR Components.
 - DFSR Replication Mechanisms.
 - DFSR and Clusters.
 - SYSVOL Migration via DFSR.
 - DFSR administration.
 - Troubleshooting DFSR.
 - Monitoring DFSR.
 - Developing Your Own Monitoring Tools.

Target Audience

This workshop is designed and intended for Networking and IT Professionals seeking to:

- Gain exposure to the DFSN and DFSR services in Windows Server ® 2003R2, Windows Server ® 2008 and Windows Server ® 2008R2.
- Understand how to successfully deploy and maintain DFSN and DFSR environment.
- Get a deep knowledge in troubleshooting DFSN and DFSR.
- Get hands on practices deploying, monitoring and troubleshooting DFSN and DFSR.