

Configure and Manage Windows Server File Shares



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Overview



Implement and configure Distributed File System (DFS)

Configure BranchCache

Configure Windows Server file share access

- Configure file screens
- Configure File Server Resource Manager (FSRM) quotas



Manage Storage and File Services

Configure Azure File Sync

Manage Azure File Sync

Configure and Manage Windows Server File Shares

Configure Windows Server Storage

Manage Windows Server Storage



Distributed File System (DFS)

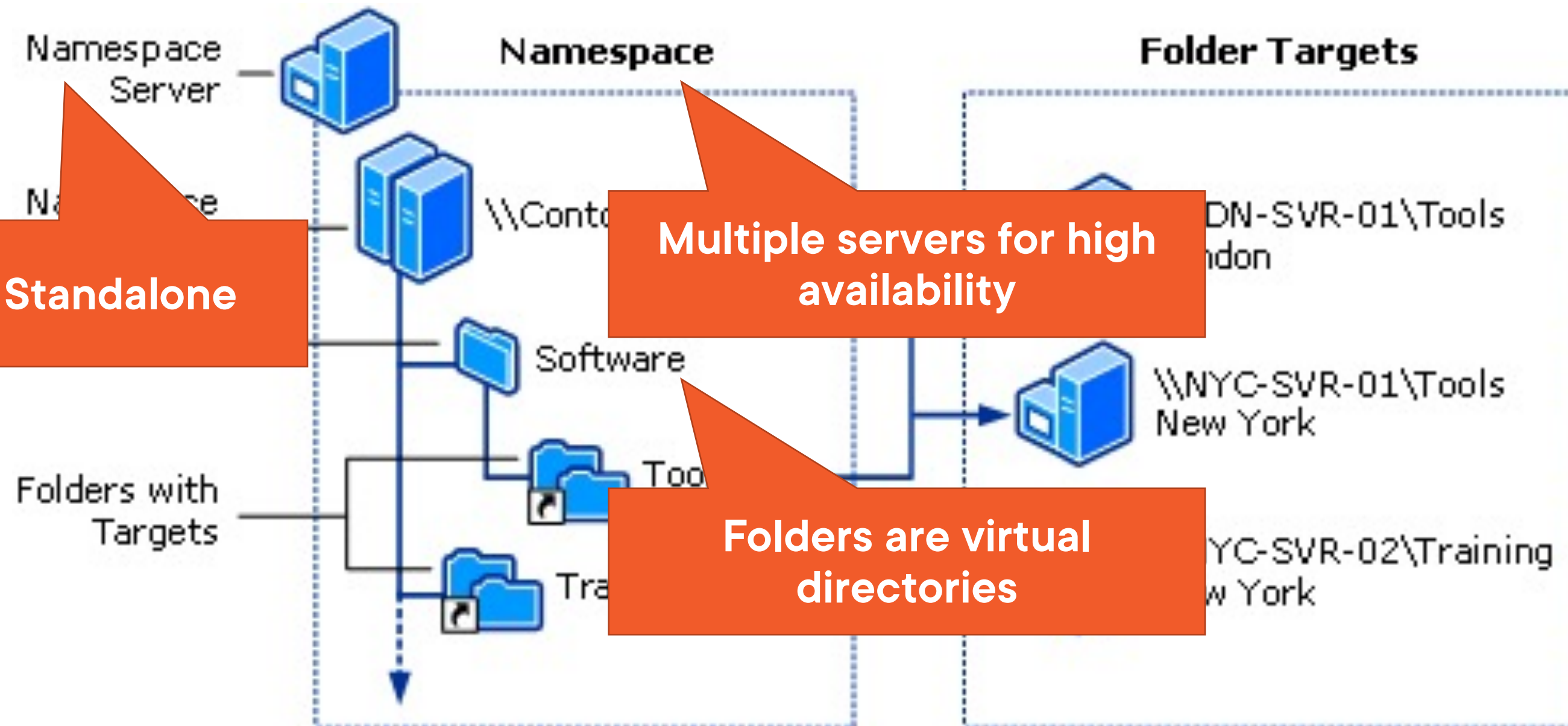


"Our users can't easily get to their work because we have a mess of shared folders!"

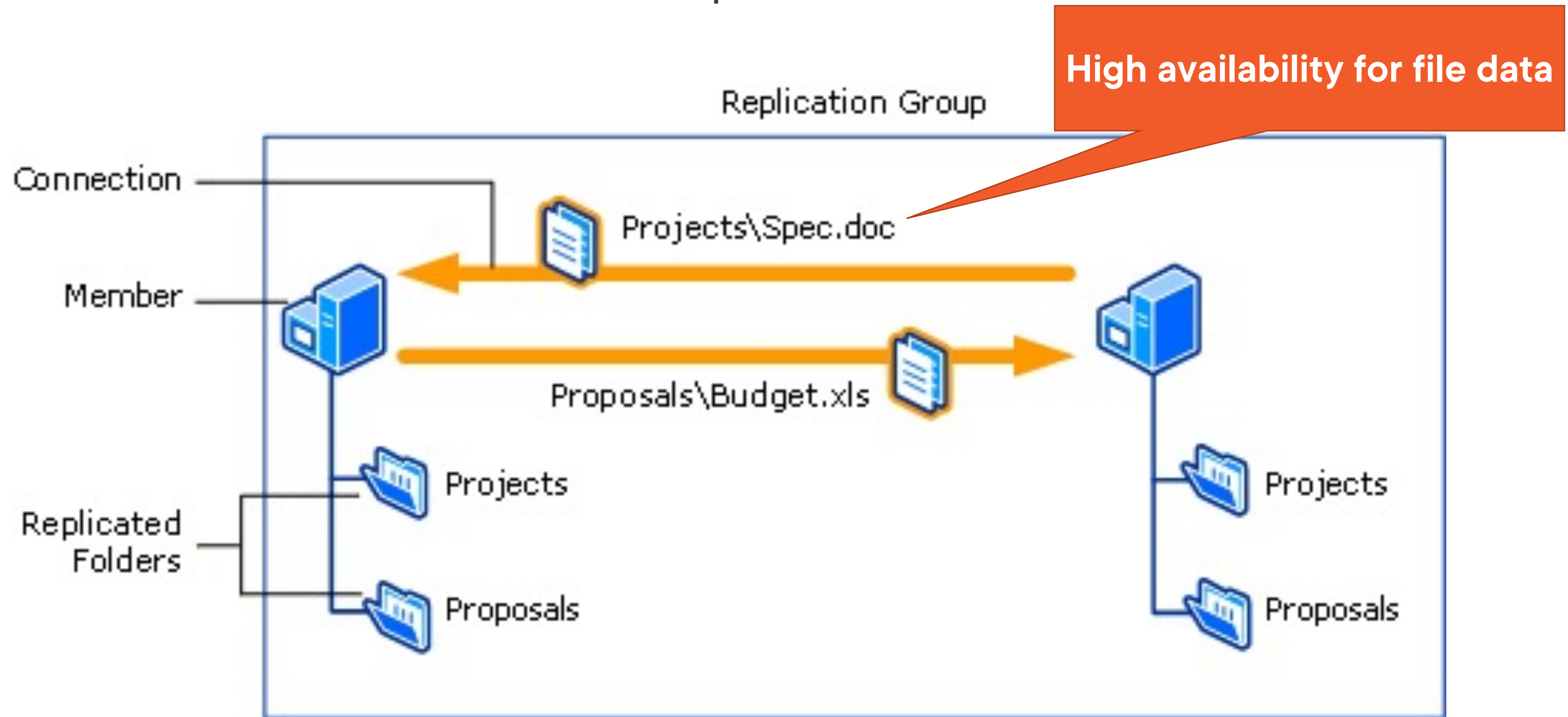
The problem



DFS Architecture



DFS Replication



Domain DFS uses Active Directory site awareness



BranchCache

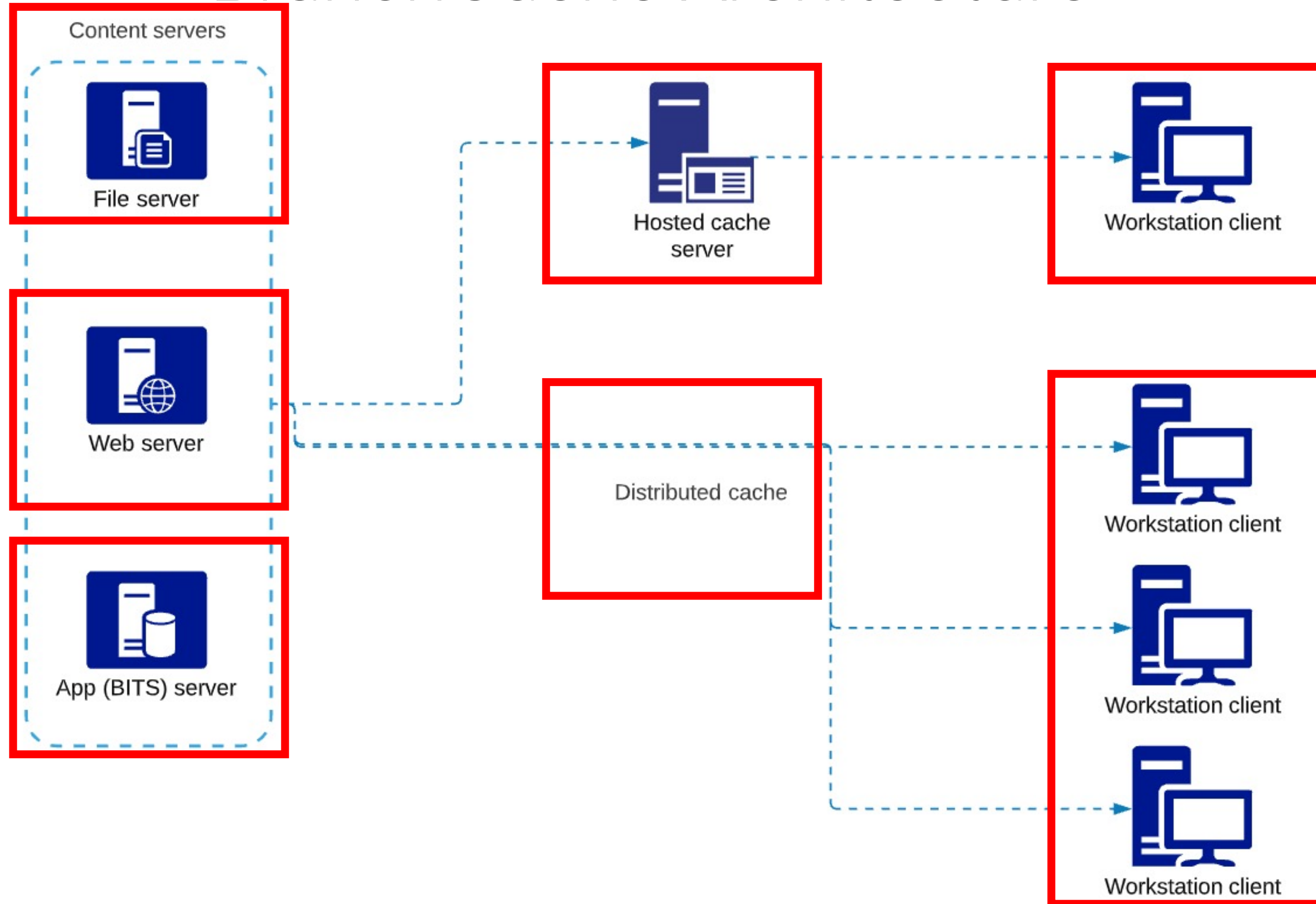


"Our users in the remote office are getting timeouts attempting to access files from HQ."

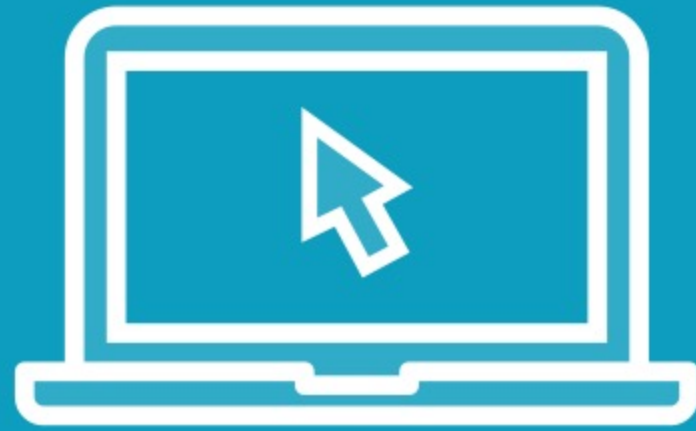
The problem



BranchCache Architecture



Demo



1

DFS

BranchCache



File Sharing Services



"Our users are storing pirated media in their network home folders!"

The problem



Windows Server File and Storage Services

File Server

- **Shared folders**

File Server Resource Manager (FSRM)

- **File screens**
- **File quotas**

BranchCache for Network Files

- **File server/web server cache**

BranchCache

- **Hosted cache server or BITS content server**



Demo



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Install role services

File screens

Quotas



Summary



Microsoft has been in the file-sharing game for a LONG time

- NetBEUI, anyone?

Check the Pluralsight library for more Windows Server file services training

- File Classification Infrastructure (FCI)
- Dynamic Access Control



Up Next:

Configure Windows Server Storage

