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WINDOWS SERVERS
SECURITY
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POWERSHELL
SHAREPOINT

Take Back Your File Servers

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Pre-requisites for this presentation:

1) Basic Windows Administration
2) Some Windows 2008 Experience

Level: Intermediate

Agenda

- The Problem
- The File Server Resource Manager
- File Screens
- Quotas
- Storage Reporting
- Classifications
- File Management Tasks
- Next Steps

The Problem

- Disk space still costs $$
- What's on your file servers can cost you:
  - Performance
  - Legal
  - Compliance
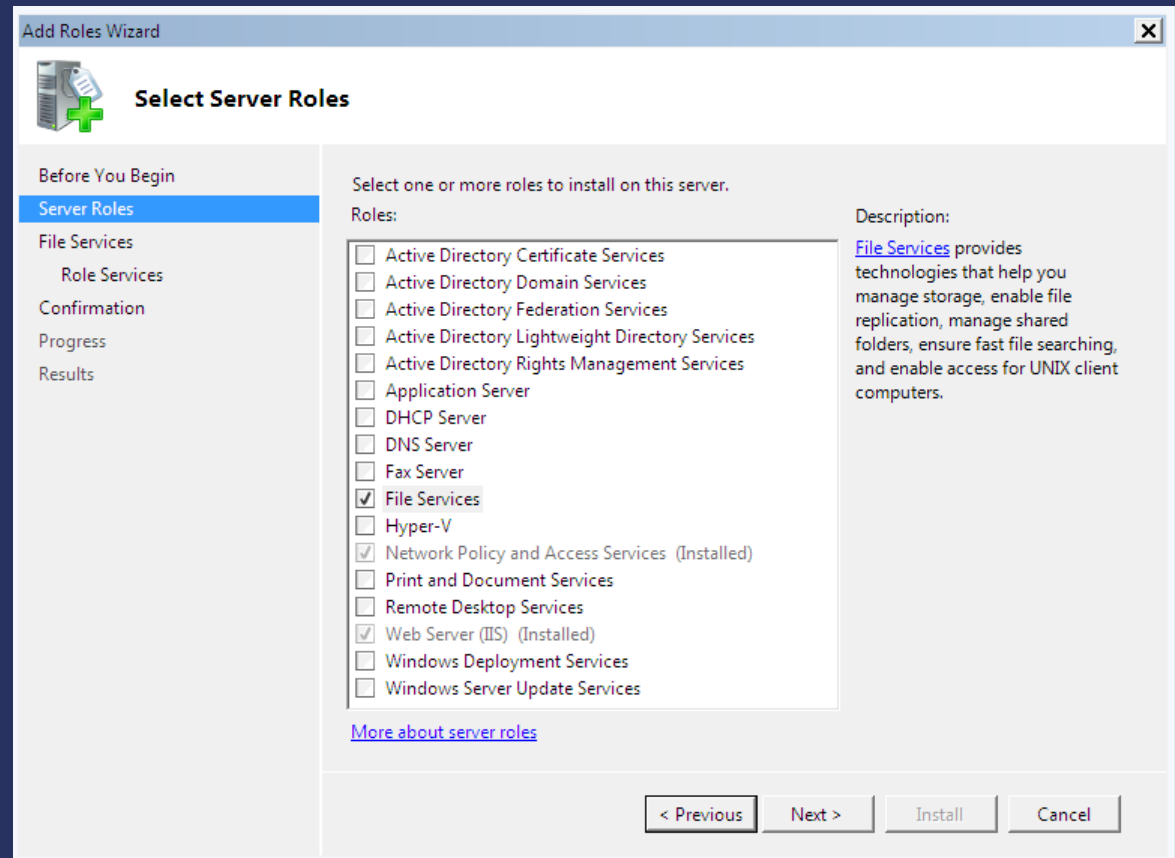- Who has what files?
- What are they?
- How old are they?

The File Services Role

- Windows Server 2008

- Optional role for File Servers

- Share & Storage Management

- DFS Management

- FRS

- Searching & Indexing

- File Server Resource Manager (FSRM)
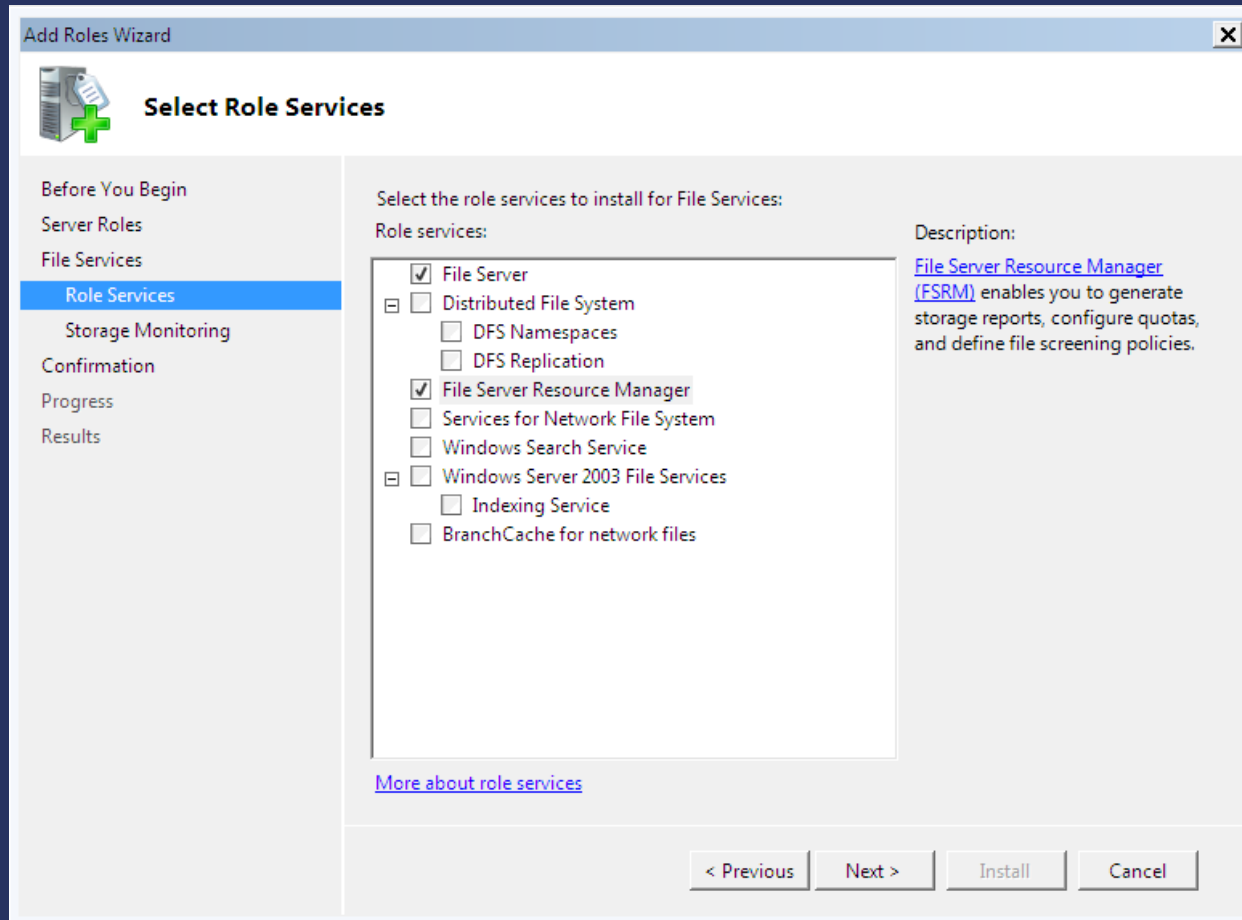
Installing FSRM

- Requires Windows Server 2008 or 2008 R2
- Use RSAT and Win7
- Install the File Services Role

Installing FSRM

- Add selected services

Configure Monitoring

- Select Volumes to Track

Monitoring Options

- Select Reports
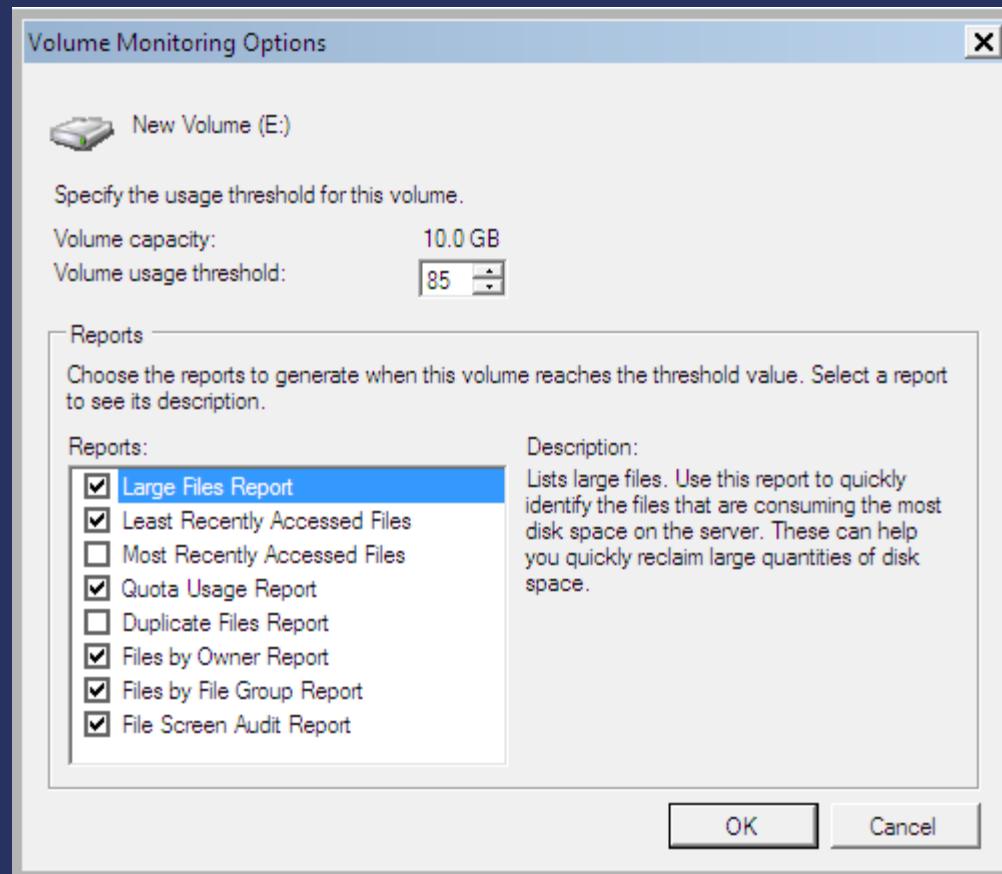
Report Options

- File and/or Email

Enable Last Access Time

- HKLM\System\CurrentControlSet\Control\FileSystem

- NtfsDisableLastAccessUpdate

- Set to 0

- Reboot

File Screens

- Grouped by File Type
- Use Templates
- Block or Monitor
- Alerts and email notifications
- One file screen per path

Quotas

- Soft or Hard
- Flexible – Set tough policy on the parent then remove quota or use less restrictive on children
- Usage Reports
- Notifications: Eventlog, User, Admin

Storage Reports

- Variety of canned reports
- Create your own
- Variety of formats
- Scheduled or on demand

File Classification Infrastructure (FCI)

- Categorize files
  - Content
  - Location
- Used in file management tasks
- Assign a property
- Assign a rule
- Classify based on management policy

Classification Property

- Yes/No
- DateTime
- Number
- OrderedList
- String
- Multi-Choice
- Multi-String

Classification Rule

- Rule can apply to multiple volumes\folders
- By Content
  - Search for text
  - Search for patterns
- By Folder
- Rules can be aggregated
- FCI "lives" with the file

File Management Tasks

- Based on classifications
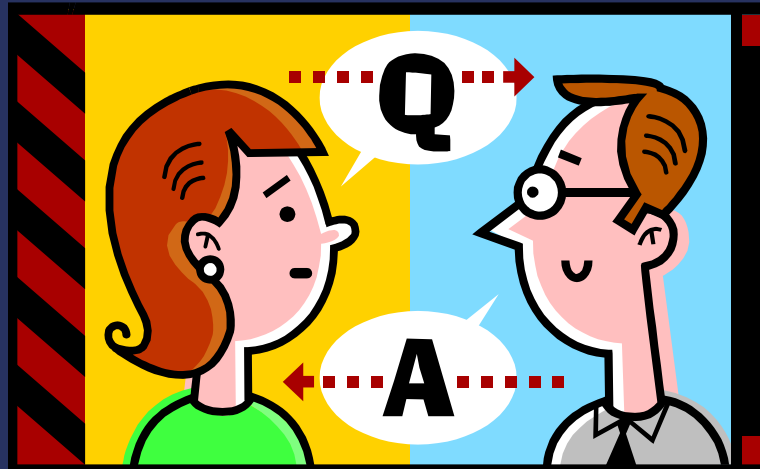- Move old files
- Create a custom task

Next Steps

- Install or upgrade to Windows Server 2008/R2

- Define management needs

- Setup lab test

- Communicate with end users & management

Resources

- *Windows Server 2008 Administrators Pocket Consultant* (Stanek)

- *Windows Server 2008 Unleashed* (Morimoto, Noel, et al)

- Blogs.technet.com/filecab

Q & A

Enjoy the show

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