# Windows Server 2012, Part 5 of 6: Share Access and Group Policy

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**Meet the expert:** JC Mackin (MCSA, MCSE) is a writer, analyst, and trainer who has specialized in Windows networks since Windows NT 4.0. He has authored or co-authored more than 10 books about Windows administration and certification, including many Microsoft Training Kits and the Exam Ref for Exam 70-417.

**Prerequisites:** The course assumes that students have some familiarity with Microsoft Windows, basic networking concepts, and a fundamental understanding of computer hardware.

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**Course description:** Supporting shared folders or printers is in some ways the most basic job of an administrator. That reason people might overlook some of the details that can accompany printer share information not to mention of the details that might appear on the exam. Group policy is a powerful feature that lets you configure literally thousands of client's settings from a central location. You could argue that Group Policy is in fact the main reason why so many organizations use active directory to manage their networks, and that's because, being able to centrally control computer and user settings without having to write any scripts is an enormous benefit for IT departments. Now group policy is a vast topic but are strategy in this course is to cover what you need to know for the exam as efficiently as possible. And what you need to learn becomes manageable if we focus on what's most important.

**Course outline:**

**File and Share Access**
- Introduction
- Configuring Shares
- Demo: Creating Shares
- Demo: Default Settings
- Demo: Create a New Share
- Demo: Alternative Shares
- Demo: Connecting to a Share
- Share vs. NTFS permissions
- Demo: Permission Features
- Summary

**Print Services**
- Introduction
- Print & Document Services Role
- Demo: Print & Document Service
- Print Server
- Demo: Print Management Console
- Configuring a Printer
- Demo: Configure a Printer
- Printers and Active Directory
- Demo: Active Directory
- Distributed Scan Server
- Summary

**Creating and Managing**
- Introduction
- What is Group Policy?
- GPO Processing
- GPO Processing Order
- GroupPolicyManagementConsole
- GroupPolicyManagementEditor
- GPO Linking
- Group Policy Filtering
- Demo: Local Policy
- Demo: Local Computer Policy
- Demo: GPOs in Active Directory
- Demo: GPO Management Policy
- Demo: Assigning GPOs
- Starter GPOs
- GPO-Related Commandlets
- Summary

**Group Policy Settings**
- Introduction
- Account Policies
- Demo: Account Policies
- Audit Policy
- Demo: Audit Policy
- User Rights Assignment
- Demo: User Rights Assignment
- Security Options
- Demo: Security Options
- Demo: More Security Options
- Restricted Groups
- Firewall Settings
- AppLocker
- Summary

**Other Settings**
- Introduction
- Administrative Templates
- The Central Store
- Central Store Creation
- GP Preferences
- Demo: Preferences
- Security Templates
- Security Config and Analysis
- Group Policy Modeling Wizard
- Group Policy Results Wizard
- Summary