

# Configuring Windows Devices, Part 5 of 8: Sharing Data and Printers

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**Meet the expert:** Patrick Loner has certifications for MCSA, MCSE, MCITP, A+, Network+, Security+, and more. He has been working as a Microsoft Certified Trainer, network administrator, and network consultant for over ten years. He has over a decade of experience working with and teaching about Windows networks with client and server operating systems. He has guided many students toward Microsoft and CompTIA certifications. Most recently, he has worked as a freelance trainer and network consultant specializing in Windows Server 2008 and Microsoft Exchange 2007 and Exchange 2010 implementations, design, and upgrades. Patrick continues to branch out now working with and training on Windows Server 2012, Windows 8, Exchange 2013, and System Center Configuration Manager 2012.

**Prerequisites:** This is part 5 of the series.

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**Course description:** A number of new features have been added to or enhanced with Windows 10. Sharing and Data are integral to the future. This course starts with out to manage hard disks and storage spaces along with an overview of data access. It then discusses configuring and managing file access, shared folders, work folders and printers. This course is part of the 70-697 exam preparation.

## Course outline:

### Managing Hard Disks

- Introduction
- Sharing Data
- Partition Styles
- Disk Management Tools
- Demo: Disk Management Tools
- Initialize a Disk
- MBR Disks
- Volume Types
- RAID
- Mount Points and File System
- Resizing Volumes
- Demo: Disk Management
- Fragmentation
- Defragmentation
- Disk Quotas
- Virtual Hard Drives
- Creating Virtual Hard Drives
- Summary

### Manage Storage Spaces

- Introduction
- Storage Spaces
- Demo: Storage Spaces
- Summary

### Overview of Data Access

- Introduction
- Data Access
- Authentication and Authorization

- Authorization
- Network Models
- Homegroups
- Summary

### Configure and Manage File Access

- Introduction
- Network Models
- NTFS Permissions
- Printer Installation
- Special Permissions
- NTFS Permissions Rules
- Configuring and Managing File Access
- Demo: Access Control Lists
- Demo: Inheritance
- Inheritance
- Compression
- Summary

### Manage Shared Folders

- Introduction
- Shared Folders
- Types of Sharing
- Sharing Methods
- Demo: Sharing Folders
- NTFS and Shared Folders
- Summary

### Understanding Work Folders

- Introduction
- Work Folders
- Work Folder Components

- Configure Work Folders
- Summary

### Managing Printers

- Introduction
- Printers
- Printer Permissions
- Printer Management
- Demo: Manage Printers
- Summary
- Summary