



LEARNING PLAN

Server Administration & Tools

Learn the management tools and techniques for the server platforms you administer. Develop the skills to use proactive monitoring and script-driven management. Use your new knowledge and expertise to turn your IT department into a well-oiled machine, for each server platform.

Areas of focus

- Managing Windows Server environments
- Managing Linux server environments
- Hybrid server environments

Curriculum

VIDEOS FROM COURSE

PowerShell 4 Foundations 6 hours

<input type="checkbox"/>	Welcome to PowerShell 4 Foundations!	21 min
<input type="checkbox"/>	Installing PowerShell 4.0	15 min
<input type="checkbox"/>	Getting Started	23 min
<input type="checkbox"/>	Getting Help	25 min
<input type="checkbox"/>	Commands	17 min
<input type="checkbox"/>	The Pipeline	15 min
<input type="checkbox"/>	Objects	26 min
<input type="checkbox"/>	Extending the Shell	18 min
<input type="checkbox"/>	Extending Objects	19 min
<input type="checkbox"/>	Formatting Output	18 min
<input type="checkbox"/>	The Pipeline Returns	21 min
<input type="checkbox"/>	Providers	14 min
<input type="checkbox"/>	WMI & CIM	27 min
<input type="checkbox"/>	Remoting	20 min
<input type="checkbox"/>	Jobs	17 min
<input type="checkbox"/>	Workflows	20 min
<input type="checkbox"/>	Scripting - Getting Started	17 min
<input type="checkbox"/>	Scripting - Essentials	32 min
<input type="checkbox"/>	Scripting - The Real World	26 min
<input type="checkbox"/>	Desired State Configuration - Getting Started	21 min
<input type="checkbox"/>	Desired State Configuration - Making it So!	18 min
<input type="checkbox"/>	Tips, Tools, and Resources	7 min

VIDEOS FROM COURSE

Microsoft Windows Server 2012 70-410 with R2 Updates 19 hours

<input type="checkbox"/>	Course Introduction	7 min
<input type="checkbox"/>	Installing and Configuring Servers	41 min

Prerequisite Plans

FUNDAMENTAL LEVEL

[Virtualization Concepts](#)
[Information Security Fundamentals](#)



Current Plan

ASSOCIATE LEVEL

Server Administration & Tools



Possible Next Plans

EXPERT LEVEL

[Advanced Server Technologies](#)
[Advanced Virtualization Skills](#)

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-410
with R2 Updates (cont.)**

<input type="checkbox"/>	Modifying Your Installation	33 min
<input type="checkbox"/>	Configuring Server Core	21 min
<input type="checkbox"/>	Configure Servers for Remote Management	20 min
<input type="checkbox"/>	Introduction to Active Directory and Basic Installation	41 min
<input type="checkbox"/>	Active Directory: Managing Accounts	42 min
<input type="checkbox"/>	Deploy Active Directory IaaS	41 min
<input type="checkbox"/>	Active Directory Domain Controller Installation	62 min
<input type="checkbox"/>	Active Directory: Automating User Accounts	33 min
<input type="checkbox"/>	Active Directory: Computer Accounts, Groups Part 1	45 min
<input type="checkbox"/>	Active Directory: Groups Part 2, Organizational Units, Delegation	36 min
<input type="checkbox"/>	Group Policy: Essentials and Multiple Local	27 min
<input type="checkbox"/>	Group Policy: Central Store and Refresh	29 min
<input type="checkbox"/>	Group Policy: Scope of Management, Preferences, Starter GPO	38 min
<input type="checkbox"/>	Group Policy: Security and Templates	39 min
<input type="checkbox"/>	Group Policy: Rule and Application Enforcement	25 min
<input type="checkbox"/>	Group Policy: Windows Firewall	34 min
<input type="checkbox"/>	IPv4	53 min
<input type="checkbox"/>	IPv6	45 min
<input type="checkbox"/>	DHCP	58 min
<input type="checkbox"/>	DNS	50 min
<input type="checkbox"/>	Desired State Configuration	31 min
<input type="checkbox"/>	Configuring Hyper-V	44 min
<input type="checkbox"/>	Hyper-V in R2	30 min
<input type="checkbox"/>	Configuring Local Storage	45 min
<input type="checkbox"/>	Storage Spaces Using Enclosures	25 min
<input type="checkbox"/>	Share and NTFS Permissions	30 min
<input type="checkbox"/>	Additional Storage Features	38 min
<input type="checkbox"/>	Work Folders	35 min
<input type="checkbox"/>	Configuring Printers	31 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-411
with R2 Updates** 21 hours

<input type="checkbox"/>	Introduction to Administering Windows Server 2012 R2 70-411	7 min
<input type="checkbox"/>	Windows Deployment Services: Installing and Configuring	38 min
<input type="checkbox"/>	Powershell for WDS Driver Packages and Groups	10 min
<input type="checkbox"/>	Windows Deployment Services: Server Properties and Discover Images	28 min
<input type="checkbox"/>	Windows Deployment Services: Image Modification and Capture	38 min
<input type="checkbox"/>	Active Directory Authentication Services	52 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-411
with R2 Updates (cont.)**

<input type="checkbox"/>	Active Directory: UGMC and Operations Masters	46 min
<input type="checkbox"/>	Active Directory: RODC and Cloned Domain Controllers	50 min
<input type="checkbox"/>	Active Directory: Maintenance	58 min
<input type="checkbox"/>	Active Directory: Account Policies	41 min
<input type="checkbox"/>	Group Policy Objects: Part 1	28 min
<input type="checkbox"/>	Group Policy Objects: Part 2	35 min
<input type="checkbox"/>	Group Policy Objects: Part 3	31 min
<input type="checkbox"/>	Group Policy Objects: Part 4	29 min
<input type="checkbox"/>	Group Policy Objects: Part 5	28 min
<input type="checkbox"/>	Group Policy Objects: Part 6	15 min
<input type="checkbox"/>	Group Policy Objects: Part 7	36 min
<input type="checkbox"/>	VPN: Part 1	23 min
<input type="checkbox"/>	VPN: Part 2	31 min
<input type="checkbox"/>	VPN: Part 3, Routing	34 min
<input type="checkbox"/>	VPN: Part 4	38 min
<input type="checkbox"/>	Network Address Translation and RADIUS	39 min
<input type="checkbox"/>	RADIUS Templates and Network Policy Processing	27 min
<input type="checkbox"/>	Network Access Protection Part 1	33 min
<input type="checkbox"/>	Network Access Protection Part 2	15 min
<input type="checkbox"/>	DNS Part 1	30 min
<input type="checkbox"/>	DNS Part 2	38 min
<input type="checkbox"/>	Web Application Proxy	44 min
<input type="checkbox"/>	File Server Resource Manager Part 1	28 min
<input type="checkbox"/>	File Server Resource Manager Part 2	18 min
<input type="checkbox"/>	Distributed File System	33 min
<input type="checkbox"/>	Distributed File System R2	50 min
<input type="checkbox"/>	Encrypting File System and BitLocker	35 min
<input type="checkbox"/>	Monitoring Servers Part 1	31 min
<input type="checkbox"/>	Monitoring Servers Part 2	20 min
<input type="checkbox"/>	Monitoring Servers Part 3	29 min
<input type="checkbox"/>	Monitoring Servers Part 4	34 min
<input type="checkbox"/>	Windows Server Update Services Part 1	38 min
<input type="checkbox"/>	Windows Server Update Services Part 2	19 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-412
with R2 Updates** 15 hours

<input type="checkbox"/>	Course Introduction	4 min
<input type="checkbox"/>	Network Load Balancing Overview	9 min
<input type="checkbox"/>	Network Load Balancing Demo: Configuring the Cluster	10 min
<input type="checkbox"/>	Network Load Balancing Demo: Modifying the Cluster	10 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-412
with R2 Updates (cont.)**

<input type="checkbox"/>	Configuring Cluster Storage and Networking	21 min
<input type="checkbox"/>	Configuring a Cluster	33 min
<input type="checkbox"/>	Advanced Clustering and PowerShell	35 min
<input type="checkbox"/>	Virtual Machine Movement: Clusterless	22 min
<input type="checkbox"/>	Virtual Machine Movement: Clustered	28 min
<input type="checkbox"/>	Configure and Optimize Storage	36 min
<input type="checkbox"/>	BranchCache and NFS	28 min
<input type="checkbox"/>	Dynamic Access Control Overview	6 min
<input type="checkbox"/>	Dynamic Access Control Demo	25 min
<input type="checkbox"/>	Configure Advanced File Services	38 min
<input type="checkbox"/>	Configure Site-Level Fault Tolerance: Replicas	29 min
<input type="checkbox"/>	Configuring Site-Level Fault Tolerance: Clusters	23 min
<input type="checkbox"/>	Configure and Manage Backups: Windows Backup	22 min
<input type="checkbox"/>	Configure and Manage Backups: Azure and VSS	22 min
<input type="checkbox"/>	Recover Servers	22 min
<input type="checkbox"/>	Active Directory Federation Services (ADFS) Overview	12 min
<input type="checkbox"/>	Active Directory Federation Services (ADFS) Demo	33 min
<input type="checkbox"/>	Active Directory Federation Services (ADFS) Workplace Join	9 min
<input type="checkbox"/>	DHCP Overview	12 min
<input type="checkbox"/>	DHCP Reservations, Policies, and Filters	9 min
<input type="checkbox"/>	DHCP: IPv6, Multicast Scopes, Superscopes	15 min
<input type="checkbox"/>	DHCP High Availability: Split Scopes	9 min
<input type="checkbox"/>	DHCP High Availability: DHCP Failover	8 min
<input type="checkbox"/>	DHCP: DNS Registration and DHCP Name Protection	12 min
<input type="checkbox"/>	IP Address Management (IPAM) Overview and Server Configuration	27 min
<input type="checkbox"/>	IP Address Management (IPAM) Implementation	22 min
<input type="checkbox"/>	DNSsec Overview, Keys, and Resource Records	9 min
<input type="checkbox"/>	DNSsec Demo	25 min
<input type="checkbox"/>	DNS Socket Pool and DNS Cache Locking	10 min
<input type="checkbox"/>	DNS Logging, Analyze Zone Level Statistics, Configure Delegated Administration	7 min
<input type="checkbox"/>	DNS: Configure Recursion, Netmask Ordering, and GlobalNames	11 min
<input type="checkbox"/>	Active Directory Certificate Services: Overview	6 min
<input type="checkbox"/>	Active Directory Certificate Services: Hierarchy, Standalone vs Enterprise, Install an Enterprise Certificate Authority	17 min
<input type="checkbox"/>	Active Directory Certificate Services: Manual Enrollment and Revocation	13 min
<input type="checkbox"/>	Active Directory Certificate Services: CRL Distribution Point and Online Responder	13 min
<input type="checkbox"/>	Active Directory Certificate Services: Issue Web Server Certs	11 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-412
with R2 Updates (cont.)**

<input type="checkbox"/>	Active Directory Certificate Services: Autoenrollment	9 min
<input type="checkbox"/>	Active Directory Certificate Services: Configure and Manage Key Archival and Recovery	21 min
<input type="checkbox"/>	Active Directory Certificate Services: CA Role Separation and Certificate Renewal	11 min
<input type="checkbox"/>	Active Directory: Multi-Domain and Multi-Forest Environments	15 min
<input type="checkbox"/>	Active Directory: Interoperability with Previous Versions, Upgrading Domains and Forests, Functional levels	14 min
<input type="checkbox"/>	Active Directory Trusts	21 min
<input type="checkbox"/>	Active Directory: SID Filtering, Name Suffix Routing, UPN	10 min
<input type="checkbox"/>	Active Directory Sites: Overview	8 min
<input type="checkbox"/>	Active Directory Sites: Demo	17 min
<input type="checkbox"/>	Active Directory: RODC Replication	14 min
<input type="checkbox"/>	Active Directory: Sysvol and Replication	13 min
<input type="checkbox"/>	Active Directory Rights Management Services Overview	19 min
<input type="checkbox"/>	Active Directory Rights Management Services Demo	19 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-417
with R2 Updates****19 hours**

<input type="checkbox"/>	70-417 R2 Course Introduction	6 min
<input type="checkbox"/>	Planning for a Server Installation	18 min
<input type="checkbox"/>	Server Installation Levels	10 min
<input type="checkbox"/>	Windows Migration Tools Overview and Tools Demo	12 min
<input type="checkbox"/>	Windows Migration Tools: Migrating a Role	7 min
<input type="checkbox"/>	Install Windows Server Full and Core	7 min
<input type="checkbox"/>	Features on Demand	18 min
<input type="checkbox"/>	Switching Between Full and Core Installations	9 min
<input type="checkbox"/>	Add and Remove Features in Offline Images	7 min
<input type="checkbox"/>	Configuring Server Core Intro and Remote Desktop	6 min
<input type="checkbox"/>	Configuring Server Core with Commands and Sconfig	11 min
<input type="checkbox"/>	Configure Services	12 min
<input type="checkbox"/>	NIC Teaming	9 min
<input type="checkbox"/>	Desired State Configuration Overview	10 min
<input type="checkbox"/>	Desired State Configuration Demo	19 min
<input type="checkbox"/>	Remote Management Methods	12 min
<input type="checkbox"/>	Remote Management Methods: Server Core	9 min
<input type="checkbox"/>	Remote Management Methods: Manage Non-Domain Joined Servers	9 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-417
with R2 Updates (cont.)**

<input type="checkbox"/>	Remote Management Methods: DCOM and Win-RM, Down-level Server Management	12 min
<input type="checkbox"/>	Configure Local Storage: Basic and Dynamic Disk Overview	12 min
<input type="checkbox"/>	Configure Local Storage: Storage Spaces and Demos	21 min
<input type="checkbox"/>	Create and Mount Virtual Hard Disks (VHDs)	11 min
<input type="checkbox"/>	Hyper-V Configuring Virtual Machines: Memory	15 min
<input type="checkbox"/>	Configure Hyper-V Resource Metering and Guest Integration Services	9 min
<input type="checkbox"/>	Configure Generation 1 and Generation 2 Virtual Machines	5 min
<input type="checkbox"/>	Hyper-V: Configuring Differencing Drives	10 min
<input type="checkbox"/>	Hyper-V: Storage Management	13 min
<input type="checkbox"/>	Hyper-V Networking	16 min
<input type="checkbox"/>	Install Domain Controllers: Add, Remove, Upgrade	16 min
<input type="checkbox"/>	Install Domain Controllers: Install From Media	12 min
<input type="checkbox"/>	Install Domain Controllers: Configure a Global Catalog Server	8 min
<input type="checkbox"/>	Install Domain Controllers: Resolve DNS SRV Record Registration Issues	9 min
<input type="checkbox"/>	Deploying Active Directory Infrastructure as a Service in Microsoft Azure	14 min
<input type="checkbox"/>	Monitor VMs	5 min
<input type="checkbox"/>	Monitor Real-Time Performance: Task Manager	12 min
<input type="checkbox"/>	Monitor Real-Time Performance: Resource Monitor	10 min
<input type="checkbox"/>	Monitor Servers: Performance Monitor Overview	13 min
<input type="checkbox"/>	Event Viewer	11 min
<input type="checkbox"/>	Configure Event Subscriptions	9 min
<input type="checkbox"/>	Configure Network Monitoring	11 min
<input type="checkbox"/>	Direct Access Overview	7 min
<input type="checkbox"/>	Direct Access Demo	17 min
<input type="checkbox"/>	Direct Access: Certificate and DNS Requirements	8 min
<input type="checkbox"/>	Network Access Protection Overview	13 min
<input type="checkbox"/>	Network Access Protection Enforcement Types and DHCP Demo	23 min
<input type="checkbox"/>	Network Access Protection: VPN	20 min
<input type="checkbox"/>	Configure Domain Controller Cloning: Overview	7 min
<input type="checkbox"/>	Configure Domain Controller Cloning: Demo	11 min
<input type="checkbox"/>	Operations Master Overview	16 min
<input type="checkbox"/>	Operations Master Demo	7 min
<input type="checkbox"/>	Read-Only Domain Controllers: Overview	14 min
<input type="checkbox"/>	Read-Only Domain Controllers: Demo	15 min
<input type="checkbox"/>	Directory Services Repair Mode Authoritative Restore Overview	7 min

VIDEOS FROM COURSE

**Microsoft Windows Server 2012 70-417
with R2 Updates (cont.)**

<input type="checkbox"/>	Directory Services Repair Mode Authoritative Restore Demo	11 min
<input type="checkbox"/>	Clean Up Metadata and Optimize an Active Directory Database	11 min
<input type="checkbox"/>	Configure Active Directory Snapshots	7 min
<input type="checkbox"/>	Active Directory Recycle Bin	6 min
<input type="checkbox"/>	Group Policy Objects: Client Side Extensions, Updates, and Caching	14 min
<input type="checkbox"/>	Group Policy: Slow Link Processing and Scope of Management	21 min
<input type="checkbox"/>	Group Policy: Processing Adjustments	12 min
<input type="checkbox"/>	Group Policy: Adjustments with WMI and Loop-back	11 min
<input type="checkbox"/>	Configure Cluster Storage and Networking	23 min
<input type="checkbox"/>	Configuring a Cluster	36 min
<input type="checkbox"/>	Advanced Clustering	38 min
<input type="checkbox"/>	Virtual Machine Movement: Clusterless	25 min
<input type="checkbox"/>	Virtual Machine Movement: Clustered	32 min
<input type="checkbox"/>	Dynamic Access Control	36 min
<input type="checkbox"/>	File Classification Infrastructure	23 min
<input type="checkbox"/>	Configure Site-Level Fault Tolerance: Replicas	28 min
<input type="checkbox"/>	Configuring Site-Level Fault Tolerance: Clusters	32 min
<input type="checkbox"/>	Configure and Manage Backups: Windows Backup	29 min
<input type="checkbox"/>	Configure and Manage Backups: Azure and VSS	24 min
<input type="checkbox"/>	IPAM Overview and Server Configuration	30 min
<input type="checkbox"/>	IPAM Functional Use	17 min
<input type="checkbox"/>	Active Directory Federation Services Overview	10 min
<input type="checkbox"/>	Active Directory Federation Services Demo and Workplace Join	36 min

VIDEOS FROM COURSE

**Microsoft Windows 10 70-697: Configuring
Windows Devices** 17 hours

<input type="checkbox"/>	Course Introduction	3 min
<input type="checkbox"/>	Office 365: Overview and Installation	10 min
<input type="checkbox"/>	Office 365: Configuring Users and Groups	7 min
<input type="checkbox"/>	Office 365: Multi-Factor Authentication	8 min
<input type="checkbox"/>	Office 365: Using a Company Email Address	12 min
<input type="checkbox"/>	Office 365: Azure Active Directory Connector	11 min
<input type="checkbox"/>	Office 365: Click-to-Run Overview	5 min
<input type="checkbox"/>	Office 365: Click-to-Run Demos	12 min
<input type="checkbox"/>	Office 365: Update Branches	14 min
<input type="checkbox"/>	Sideloading Apps in Online and Offline Images	12 min
<input type="checkbox"/>	Intune: Overview	8 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-697: Configuring Windows Devices (cont.)

<input type="checkbox"/>	Intune: Configuration, Compliance, and Conditional Access Policies	10 min
<input type="checkbox"/>	Intune: Setup Phone Enrollment	7 min
<input type="checkbox"/>	Intune: Demo iPhone Enrollment	10 min
<input type="checkbox"/>	Intune: Provision User Accounts and Manage User Groups	8 min
<input type="checkbox"/>	Intune Managing Windows Computers	7 min
<input type="checkbox"/>	Intune: Deeplink Apps	7 min
<input type="checkbox"/>	Intune: Sideload, Update, and Retire Apps	11 min
<input type="checkbox"/>	Integrate a Microsoft Account	7 min
<input type="checkbox"/>	Intune: Configure Monitoring and Alerts	13 min
<input type="checkbox"/>	Intune: Configure the Microsoft Intune Connector	25 min
<input type="checkbox"/>	Client-Side Update Settings	7 min
<input type="checkbox"/>	Intune: Deploy Software Updates	14 min
<input type="checkbox"/>	Group Policy Object Update Settings	13 min
<input type="checkbox"/>	WSUS Basics	8 min
<input type="checkbox"/>	Azure RemoteApp Overview	7 min
<input type="checkbox"/>	Azure RemoteApp Demo Default Image and Client Connection	11 min
<input type="checkbox"/>	Azure Group Policy Objects for Signed Packages	14 min
<input type="checkbox"/>	Azure PowerShell	7 min
<input type="checkbox"/>	Import Azure RemoteApp Configurations Overview	6 min
<input type="checkbox"/>	Import Azure RemoteApp Configurations Demo	11 min
<input type="checkbox"/>	Azure: Using Images and Exporting RemoteApp	8 min
<input type="checkbox"/>	Work Folders Overview	7 min
<input type="checkbox"/>	Work Folders Demo	19 min
<input type="checkbox"/>	Offline Files and Sync Center	12 min
<input type="checkbox"/>	OneDrive Overview	7 min
<input type="checkbox"/>	OneDrive Demo	17 min
<input type="checkbox"/>	DFS Client	8 min
<input type="checkbox"/>	Storage Spaces	11 min
<input type="checkbox"/>	Configure Power Policies	5 min
<input type="checkbox"/>	Power Settings with GPOs and PowerCFG	9 min
<input type="checkbox"/>	Windows to Go Description	12 min
<input type="checkbox"/>	Windows to Go Wizard Demo	6 min
<input type="checkbox"/>	Windows to Go with PowerShell	15 min
<input type="checkbox"/>	Configure Wi-Fi Direct	5 min
<input type="checkbox"/>	Broadband Tethering and Metered Connections	7 min
<input type="checkbox"/>	BitLocker Description	9 min
<input type="checkbox"/>	BitLocker: Data Recovery Agent and Group Policy Settings	13 min
<input type="checkbox"/>	BitLocker and BitLocker to Go Demo	10 min
<input type="checkbox"/>	Hyper-V: Description	4 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-697: Configuring Windows Devices (cont.)

<input type="checkbox"/>	Hyper-V: Creating a Virtual Machine	10 min
<input type="checkbox"/>	Hyper-V: Settings and Moving Storage	9 min
<input type="checkbox"/>	Roaming User Profiles	6 min
<input type="checkbox"/>	Folder Redirection	6 min
<input type="checkbox"/>	Mandatory User Profiles	4 min
<input type="checkbox"/>	Migrate User Profiles with USMT	13 min
<input type="checkbox"/>	Using a HomeGroup to Share Resources	13 min
<input type="checkbox"/>	Configure Libraries	6 min
<input type="checkbox"/>	Configure Shared Folder Permissions	13 min
<input type="checkbox"/>	Configure Shared Printers	14 min
<input type="checkbox"/>	Encrypting File System (EFS): Description	4 min
<input type="checkbox"/>	Encrypting File System (EFS): Data Recovery Agent (DRA)	15 min
<input type="checkbox"/>	Configure NTFS Permissions	15 min
<input type="checkbox"/>	Dynamic Access Control Overview	8 min
<input type="checkbox"/>	Dynamic Access Control Demo	9 min
<input type="checkbox"/>	Access to Removable Storage Media	5 min
<input type="checkbox"/>	Configure Disk Quotas	10 min
<input type="checkbox"/>	Configure File Access Auditing	7 min
<input type="checkbox"/>	Virtual Smart Cards	9 min
<input type="checkbox"/>	Picture Passwords	2 min
<input type="checkbox"/>	Microsoft Passport	10 min
<input type="checkbox"/>	Windows Hello and Biometrics	6 min
<input type="checkbox"/>	Workplace Join	14 min
<input type="checkbox"/>	Workgroup vs. Domain	9 min
<input type="checkbox"/>	Secure Channel	11 min
<input type="checkbox"/>	Account Policies	15 min
<input type="checkbox"/>	Credential Manager	5 min
<input type="checkbox"/>	Application Compatibility Toolkit	17 min
<input type="checkbox"/>	App-V: Description	4 min
<input type="checkbox"/>	App-V: Demo	13 min
<input type="checkbox"/>	UE-V: Description	3 min
<input type="checkbox"/>	UE-V: Demo	15 min
<input type="checkbox"/>	Network Basics	11 min
<input type="checkbox"/>	IP Addressing and Name Resolution	13 min
<input type="checkbox"/>	Configure Network Locations	11 min
<input type="checkbox"/>	Wireless Networks	8 min
<input type="checkbox"/>	Location Aware Printing	3 min
<input type="checkbox"/>	Windows Firewall	11 min
<input type="checkbox"/>	Connection Security Rules (IPsec)	16 min
<input type="checkbox"/>	VPN: Description	3 min
<input type="checkbox"/>	VPN: Types	9 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-697: Configuring Windows Devices (cont.)

<input type="checkbox"/>	Remote VPN Authentication and Demonstrations	12 min
<input type="checkbox"/>	Direct Access	10 min
<input type="checkbox"/>	Remote Desktop	15 min
<input type="checkbox"/>	File History	9 min
<input type="checkbox"/>	Backup and Restore	15 min
<input type="checkbox"/>	System Restore	14 min
<input type="checkbox"/>	Driver Rollback	4 min
<input type="checkbox"/>	Refresh and Recycle Windows	3 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-698: Installing and Configuring Windows 10

10 hours

<input type="checkbox"/>	70-698 Course Introduction	6 min
<input type="checkbox"/>	Intro to the Implement Windows Section	5 min
<input type="checkbox"/>	Hardware Requirements and Compatibility	8 min
<input type="checkbox"/>	Upgrades Versus Clean Installs	7 min
<input type="checkbox"/>	Windows 10 Editions	8 min
<input type="checkbox"/>	Requirements for Special Features	8 min
<input type="checkbox"/>	Creating Appropriate Installation Media	12 min
<input type="checkbox"/>	Performing Various Installations	16 min
<input type="checkbox"/>	Performing a Clean Install	11 min
<input type="checkbox"/>	Installing Additional Windows Features	7 min
<input type="checkbox"/>	Additional Regional and Language Support	5 min
<input type="checkbox"/>	Device Drivers	7 min
<input type="checkbox"/>	Advanced Device Driver Management	8 min
<input type="checkbox"/>	Start Menu, Desktop, Taskbar, and Notification Settings	13 min
<input type="checkbox"/>	Accessibility Options	7 min
<input type="checkbox"/>	Cortana	5 min
<input type="checkbox"/>	Microsoft Edge	12 min
<input type="checkbox"/>	Internet Explorer	8 min
<input type="checkbox"/>	Hyper-V	10 min
<input type="checkbox"/>	Power Settings	8 min
<input type="checkbox"/>	Windows Imaging and Configuration Designer (ICD) Tool	7 min
<input type="checkbox"/>	Volume Activation	8 min
<input type="checkbox"/>	Miscellaneous Activation Topics	4 min
<input type="checkbox"/>	Introducing Active Directory	7 min
<input type="checkbox"/>	Active Directory and Group Policies	8 min
<input type="checkbox"/>	User Account Control (UAC)	8 min
<input type="checkbox"/>	Intro to the Configure and Support Core Services Section	3 min
<input type="checkbox"/>	IPv4 and IPv6 Network Settings	15 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-698: Installing and Configuring Windows 10 (cont.)

<input type="checkbox"/>	Name Resolution	6 min
<input type="checkbox"/>	Connect to a Network	6 min
<input type="checkbox"/>	Network Locations	6 min
<input type="checkbox"/>	Windows Firewall	14 min
<input type="checkbox"/>	Windows Firewall with Advanced Security	10 min
<input type="checkbox"/>	Network Discovery	5 min
<input type="checkbox"/>	Wi-Fi Settings	10 min
<input type="checkbox"/>	Wi-Fi Direct, Wi-Fi Sense, and Hotspot 2.0	5 min
<input type="checkbox"/>	Troubleshoot Network Issues	7 min
<input type="checkbox"/>	VPNs	8 min
<input type="checkbox"/>	IPsec	7 min
<input type="checkbox"/>	DirectAccess	4 min
<input type="checkbox"/>	Disk Management and Windows PowerShell	14 min
<input type="checkbox"/>	VHDs	10 min
<input type="checkbox"/>	Storage Spaces	11 min
<input type="checkbox"/>	Removable Devices	9 min
<input type="checkbox"/>	Troubleshoot Storage	9 min
<input type="checkbox"/>	File and Printer Sharing	9 min
<input type="checkbox"/>	Folder Shares, Public Folders, and OneDrive	12 min
<input type="checkbox"/>	File System Permissions	11 min
<input type="checkbox"/>	Troubleshoot Data Access	4 min
<input type="checkbox"/>	Desktop Apps	6 min
<input type="checkbox"/>	Startup Options	10 min
<input type="checkbox"/>	Windows Store	7 min
<input type="checkbox"/>	Provisioning Packages	6 min
<input type="checkbox"/>	Windows PowerShell	9 min
<input type="checkbox"/>	The Microsoft Management Console (MMC)	9 min
<input type="checkbox"/>	Remote Management	9 min
<input type="checkbox"/>	Introduction to the Manage and Maintain Windows Section	4 min
<input type="checkbox"/>	Configure Updates	11 min
<input type="checkbox"/>	Event Viewer	9 min
<input type="checkbox"/>	Task Manager and Resource Monitor	8 min
<input type="checkbox"/>	Performance Monitor	12 min
<input type="checkbox"/>	Monitor and Manage Printers	6 min
<input type="checkbox"/>	Indexing Options	10 min
<input type="checkbox"/>	Windows Defender	7 min
<input type="checkbox"/>	Reliability Monitor	5 min
<input type="checkbox"/>	Troubleshoot Performance Issues	7 min
<input type="checkbox"/>	Recovery Options	7 min
<input type="checkbox"/>	Backup Options	6 min
<input type="checkbox"/>	Authorization and Authentication	5 min

VIDEOS FROM COURSE

Microsoft Windows 10 70-698: Installing and Configuring Windows 10 (cont.)

<input type="checkbox"/>	Configure Services	6 min
<input type="checkbox"/>	Task Scheduler	8 min
<input type="checkbox"/>	Your 70-698 Exam	7 min

VIDEOS FROM COURSE

Linux Essentials 7 hours

<input type="checkbox"/>	Introduction	2 min
<input type="checkbox"/>	Linux Evolution and Popular Operating Systems	16 min
<input type="checkbox"/>	Major Open Source Applications	14 min
<input type="checkbox"/>	Understanding Open Source Software and Licensing	22 min
<input type="checkbox"/>	ICT Skills and Working in Linux	22 min
<input type="checkbox"/>	Command Line Basics	21 min
<input type="checkbox"/>	Using the Command Line to Get Help	20 min
<input type="checkbox"/>	Using Directories and Listing Files	18 min
<input type="checkbox"/>	Creating, Moving, and Deleting Files	17 min
<input type="checkbox"/>	Archiving Files on the Command Line	25 min
<input type="checkbox"/>	Searching and Extracting Data from Files	34 min
<input type="checkbox"/>	Turning Commands into a Script	21 min
<input type="checkbox"/>	Choosing an Operating System	21 min
<input type="checkbox"/>	Understanding Computer Hardware	23 min
<input type="checkbox"/>	Where Data is Stored	20 min
<input type="checkbox"/>	Your Computer on the Network	23 min
<input type="checkbox"/>	Basic Security and Identifying User Types	14 min
<input type="checkbox"/>	Creating Users and Groups	13 min
<input type="checkbox"/>	Managing File Permissions and Ownership	28 min
<input type="checkbox"/>	Special Directories and Files	15 min

VIDEOS FROM COURSE

LPI Linux LPIC-1 & CompTIA Linux+ Prep 15 hours

<input type="checkbox"/>	Intro	2 min
<input type="checkbox"/>	Integrated Hardware Devices	12 min
<input type="checkbox"/>	Removable Devices	13 min
<input type="checkbox"/>	Dealing with Devices: procs, sysfs, udev, and dbus	10 min
<input type="checkbox"/>	The Linux Boot Process & Initrd	10 min
<input type="checkbox"/>	Boot Time Kernel Commands and the Init System(s)	10 min
<input type="checkbox"/>	Managing Runlevels with SysVinit	10 min
<input type="checkbox"/>	Managing Boot Targets with Systemd	11 min
<input type="checkbox"/>	Proper Halting and Rebooting of Your System	10 min
<input type="checkbox"/>	Partitions & Mount Points	14 min
<input type="checkbox"/>	RAID vs. LVM	13 min
<input type="checkbox"/>	Bootloaders: GRUB & GRUB2	14 min

VIDEOS FROM COURSE

LPI Linux LPIC-1 & CompTIA Linux+ Prep (cont.)

<input type="checkbox"/>	Managing Shared Libraries	13 min
<input type="checkbox"/>	Using APT	13 min
<input type="checkbox"/>	Using YUM with RPM Files	11 min
<input type="checkbox"/>	Using rpm2cpio and yumdownloader	9 min
<input type="checkbox"/>	Command Line Intro	7 min
<input type="checkbox"/>	Working with Environment Variables	9 min
<input type="checkbox"/>	Manipulating Text: Head, Tail, Cat, Split	8 min
<input type="checkbox"/>	Manipulating Text: Paste, Join, Expand, Unexpand	9 min
<input type="checkbox"/>	Manipulating Text: sed	10 min
<input type="checkbox"/>	File Management	9 min
<input type="checkbox"/>	The "find" Command	12 min
<input type="checkbox"/>	Using tar, cpio, and dd	20 min
<input type="checkbox"/>	Compressing with Gzip and Bzip2	11 min
<input type="checkbox"/>	Standard Input (STDIN), Standard Output (STDOUT), and Standard Error (STDERR)	13 min
<input type="checkbox"/>	Pipes, Data Redirection, and Xargs	14 min
<input type="checkbox"/>	Foreground and Background Jobs	14 min
<input type="checkbox"/>	Signals and PIDs	14 min
<input type="checkbox"/>	Advanced Process Management	12 min
<input type="checkbox"/>	Process Priorities (Nice Levels)	17 min
<input type="checkbox"/>	Regular Expressions with grep, egrep, & fgrep	9 min
<input type="checkbox"/>	Basic vi Usage	12 min
<input type="checkbox"/>	Intermediate vi Usage	16 min
<input type="checkbox"/>	GPT & MBR	18 min
<input type="checkbox"/>	Formatting Partitions	13 min
<input type="checkbox"/>	Maintaining Filesystems	13 min
<input type="checkbox"/>	Mounting & Unmounting	11 min
<input type="checkbox"/>	Drive Quotas	10 min
<input type="checkbox"/>	File Ownership & Permissions	10 min
<input type="checkbox"/>	Changing Permissions & Creation Masks	14 min
<input type="checkbox"/>	SUID, GUID, & the Sticky Bit	20 min
<input type="checkbox"/>	Hard & Soft Links	9 min
<input type="checkbox"/>	File Hierarchy Standard	9 min
<input type="checkbox"/>	Find & Locate	8 min
<input type="checkbox"/>	User Profiles & System Profiles	15 min
<input type="checkbox"/>	Scripting Basics	7 min
<input type="checkbox"/>	Scripting Conditionals & Loops	13 min
<input type="checkbox"/>	SQL Data Management	15 min
<input type="checkbox"/>	X11 (Xorg) Configuration	13 min
<input type="checkbox"/>	Display Managers	6 min
<input type="checkbox"/>	Accessibility	7 min
<input type="checkbox"/>	Managing Users & Groups	9 min
<input type="checkbox"/>	Password, Group, and Shadow Databases	11 min

VIDEOS FROM COURSE

LPI Linux LPIC-1 & CompTIA Linux+ Prep (cont.)

<input type="checkbox"/>	Personal Job Scheduling with At & Cron	16 min
<input type="checkbox"/>	System Job Scheduling with Cron & Anacron	10 min
<input type="checkbox"/>	Localization & Internationalization	13 min
<input type="checkbox"/>	Maintaining System Time	12 min
<input type="checkbox"/>	System Logging	15 min
<input type="checkbox"/>	Mail Transfer Agent Basics	7 min
<input type="checkbox"/>	Managing Printers	13 min
<input type="checkbox"/>	IPv4 & IPv6	11 min
<input type="checkbox"/>	Subnet Masks and CIDR Notation	20 min
<input type="checkbox"/>	Ports & Protocols	11 min
<input type="checkbox"/>	Basic Network Configuration	15 min
<input type="checkbox"/>	Basic Network Troubleshooting	10 min
<input type="checkbox"/>	Client-side DNS	7 min
<input type="checkbox"/>	Basic Security Audits	11 min
<input type="checkbox"/>	Services & Security	11 min
<input type="checkbox"/>	User Limits	9 min
<input type="checkbox"/>	Encryption & Signing	9 min
<input type="checkbox"/>	Creating and Using Keypairs	13 min

VIDEOS FROM COURSE

Ubuntu**9 hours**

<input type="checkbox"/>	Ubuntu Server Course Introduction	2 min
<input type="checkbox"/>	Ubuntu's Unique Underbelly	16 min
<input type="checkbox"/>	Hard Drives & Partitions	31 min
<input type="checkbox"/>	The Installation Process	31 min
<input type="checkbox"/>	Initial Setup Considerations	30 min
<input type="checkbox"/>	Package Management	30 min
<input type="checkbox"/>	Networking!	22 min
<input type="checkbox"/>	Udev and Upstart and UFW, Oh My...	27 min
<input type="checkbox"/>	Services: DNS & DHCP	30 min
<input type="checkbox"/>	Services: Web & Databases	28 min
<input type="checkbox"/>	Services: Mail & POP3/IMAP	30 min
<input type="checkbox"/>	Services: File & Print	37 min
<input type="checkbox"/>	Services: SSH	36 min
<input type="checkbox"/>	Services: LTSP	19 min
<input type="checkbox"/>	Security	25 min
<input type="checkbox"/>	Monitoring	29 min

VIDEOS FROM COURSE

Ubuntu (cont.)

<input type="checkbox"/>	Virtualization	19 min
<input type="checkbox"/>	Clouds & Containers	24 min
<input type="checkbox"/>	Recovery Tools	21 min
<input type="checkbox"/>	Getting Help!	20 min

VIDEOS FROM COURSE

CentOS System Administrator Prep**9 hours**

<input type="checkbox"/>	Intro	1 min
<input type="checkbox"/>	What Makes CentOS Unique?	11 min
<input type="checkbox"/>	Manipulating Text I/O	35 min
<input type="checkbox"/>	Access Remote Systems	27 min
<input type="checkbox"/>	Archiving, and Compressing and Chmod'ing, Oh My!	33 min
<input type="checkbox"/>	Manipulating Files, Directories, and Links	19 min
<input type="checkbox"/>	How to Read the Manual, CentOS Style	23 min
<input type="checkbox"/>	Reboots & Runlevels	16 min
<input type="checkbox"/>	Renicing and Killing Rogue Processes	28 min
<input type="checkbox"/>	Network Services and Their Log Files	24 min
<input type="checkbox"/>	Partitions & Logical Volumes	31 min
<input type="checkbox"/>	Filesystems & Mounting Them	30 min
<input type="checkbox"/>	Auto-mounting Local, Network, and Encrypted Filesystems	18 min
<input type="checkbox"/>	Chmod'ing, Chown'ing, and Chgrp'ing, Oh My	24 min
<input type="checkbox"/>	Special Permissions - SetUID, SetGID, and Sticky Bits	32 min
<input type="checkbox"/>	Managing ACL's	19 min
<input type="checkbox"/>	Local Users & Groups	23 min
<input type="checkbox"/>	Configuring the Network	15 min
<input type="checkbox"/>	Kickstart Your Install	20 min
<input type="checkbox"/>	Hosting Virtual Machines	11 min
<input type="checkbox"/>	Package Management	25 min
<input type="checkbox"/>	Setting up Web & FTP Services	14 min
<input type="checkbox"/>	Cron & Time Services	21 min
<input type="checkbox"/>	Configuring the System Firewall	10 min
<input type="checkbox"/>	SELinux - What Is It?	21 min
<input type="checkbox"/>	SELinux - Configuration and Troubleshooting	14 min