



Consulting and Training | Reach New Heights

Course Name

Windows 11 Administrator

Sector Name

Administration and Office Efficiency

Document Type

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Windows 11 Administrator

Course Introduction

Windows 11 represents Microsoft's most advanced and secure desktop operating system, offering modern features, enhanced performance, and improved security.

For administrators, mastering Windows 11 means effectively managing desktops, devices, users, and applications in both standalone and enterprise environments.

This training program equips participants with the skills to install, configure, secure, and manage Windows 11 systems, and it emphasizes best practices for troubleshooting, updating, and integrating with enterprise services.

Participants will gain the knowledge needed to confidently support and administer Windows 11 in professional environments.

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Target Audience

- ✓ IT Administrators responsible for managing and supporting Windows devices within organizations.
- ✓ System Administrators who deploy, configure, secure, and maintain Windows 11 environments.
- ✓ Desktop Support Engineers and Technical Support Specialists seeking advanced Windows 11 administration skills.
- ✓ Network Administrators responsible for endpoint management and user support.

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Learning Objectives

- ✓ Understand the features and architecture of Windows 11.
- ✓ Install and configure Windows 11 in different deployment scenarios.
- ✓ Manage users, groups, policies, and permissions effectively.
- ✓ Configure networking, storage, and device management.
- ✓ Apply security best practices, including Defender, BitLocker, and updates.
- ✓ Optimize performance and troubleshoot system issues.
- ✓ Manage applications and Windows services.
- ✓ Implement backup, recovery, and business continuity strategies.
- ✓ Integrate Windows 11 with Active Directory, Microsoft Intune, and Azure AD.
- ✓ Provide end-to-end administration of enterprise desktops.

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Course Outline

✓ DAY 1

Windows 11 Fundamentals

- ✓ Overview of Windows 11 architecture and features
- ✓ System requirements and compatibility
- ✓ User experience improvements and interface navigation
- ✓ Windows 11 editions and licensing
- ✓ Windows servicing models and update channels
- ✓ Introduction to administration tools.

Installation and Deployment

- ✓ Installation methods (clean, upgrade, migration)
- ✓ Media Creation Tool and bootable USBs
- ✓ Windows Deployment Services (WDS) and MDT basics
- ✓ Configuring partitions and storage during installation
- ✓ Windows Autopilot for enterprise deployment
- ✓ Post-installation tasks and activation

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Course Outline

✓ DAY 2

User Accounts and Access Management

- ✓ Local vs Microsoft vs Azure AD accounts
- ✓ Creating and managing local users and groups
- ✓ User account control (UAC) and permissions
- ✓ Group Policy basics and customization
- ✓ Configuring sign-in options
- ✓ Roaming profiles and folder redirection

File System and Storage Management

- ✓ NTFS vs ReFS file systems
- ✓ File permissions and inheritance
- ✓ Encrypting File System (EFS)
- ✓ Storage Spaces and disk management tools
- ✓ OneDrive integration and cloud storage policies
- ✓ Disk cleanup, optimization, and quotas

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Course Outline

✓ DAY 3

Network Configuration and Connectivity

- ✓ Configuring IPv4 and IPv6 settings
- ✓ Wireless and VPN connections
- ✓ Network sharing, discovery, and workgroups
- ✓ Firewall and advanced security settings
- ✓ Remote Desktop and remote management options
- ✓ Troubleshooting network connectivity issues

Security and Compliance

- ✓ Windows Defender Antivirus and Firewall
- ✓ BitLocker Drive Encryption and TPM
- ✓ Secured-core PC features
- ✓ Configuring Windows Hello for Business
- ✓ AppLocker and application control
- ✓ Update management and patching strategies

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Course Outline

✓ DAY 4

Application and Device Management

- ✓ Installing and uninstalling applications
- ✓ Microsoft Store for Business and sideloading apps
- ✓ Configuring default apps and file associations
- ✓ Windows Package Manager (Winget)
- ✓ Printer and peripheral device management
- ✓ App deployment with Intune and Group Policy

Performance Optimization and Troubleshooting

- ✓ Task Manager and Resource Monitor
- ✓ Performance tuning and optimization tools
- ✓ Monitoring startup apps and services
- ✓ Event Viewer and system logs
- ✓ Blue Screen of Death (BSOD) troubleshooting
- ✓ Common troubleshooting tools

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Course Outline

✓ DAY 5

Backup, Recovery, and Business Continuity

- ✓ Configuring File History for backups
- ✓ System Restore points and recovery options
- ✓ Windows Recovery Environment (WinRE)
- ✓ Backup and Restore (legacy) tools
- ✓ Windows reset and refresh options
- ✓ Imaging and disaster recovery solutions

Enterprise Integration and Administration

- ✓ Windows 11 in domain environments
- ✓ Joining Azure Active Directory and hybrid setups
- ✓ Microsoft Intune for device management
- ✓ Configuring compliance policies and updates in enterprises
- ✓ Exploring PowerShell for Windows 11 administration

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 15, 2027	Aug. 19, 2027	5 days	4250.00 \$	Egypt , Cairo
March 29, 2027	April 2, 2027	5 days	4250.00 \$	UAE , Dubai
June 6, 2027	June 10, 2027	5 days	4250.00 \$	Qatar , Doha
Dec. 26, 2027	Dec. 30, 2027	5 days	4950.00 \$	Spain , Madrid

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