

windows 10 versions pro education enterprise

windows 10 versions pro education enterprise represent a diverse family of operating system editions designed to meet the needs of different user groups, from individual professionals to educational institutions and large enterprises. Each version offers unique features, licensing options, and security enhancements tailored to its target audience. Understanding the distinctions between Windows 10 Pro, Education, and Enterprise is essential for organizations and users seeking the optimal balance of functionality, manageability, and cost. This article provides a detailed overview of these versions, comparing their capabilities, licensing models, and suitability for various scenarios. Readers will gain insights into which Windows 10 edition aligns best with their requirements and how to leverage their features for improved productivity and security.

- Overview of Windows 10 Versions
- Windows 10 Pro
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- Windows 10 Enterprise
- Comparative Analysis of Pro, Education, and Enterprise
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Overview of Windows 10 Versions

Windows 10 is available in multiple editions, each tailored to specific user needs and organizational contexts. The primary versions include Windows 10 Home, Pro, Education, and Enterprise. While Home targets general consumers with basic features, Pro, Education, and Enterprise offer advanced security, management, and productivity tools for business and educational environments. This segmentation ensures users can select an edition that fits their technical requirements and budget constraints. The focus of this discussion is on Windows 10 versions Pro, Education, and Enterprise, which share many core features but differ significantly in licensing, security capabilities, and additional functionalities.

Windows 10 Pro

Key Features of Windows 10 Pro

Windows 10 Pro is designed for professionals and small to medium-sized businesses that require advanced features beyond the Home edition. It includes robust security options, device management

capabilities, and productivity enhancements. Notable features include BitLocker encryption, Remote Desktop access, Hyper-V virtualization, and the ability to join Azure Active Directory and Windows Server domains. These capabilities make Windows 10 Pro a versatile choice for business environments seeking enhanced control over devices and data protection.

Security and Management Tools

Security is a critical aspect of Windows 10 Pro. BitLocker provides full disk encryption to safeguard data against unauthorized access. Windows Defender Antivirus and Windows Firewall offer comprehensive threat protection. The edition supports Group Policy management, enabling IT administrators to configure and enforce security settings across multiple devices. Additionally, Windows 10 Pro allows for the installation of domain-joined devices, facilitating centralized management in corporate networks.

Ideal Use Cases for Windows 10 Pro

Windows 10 Pro is well-suited for freelancers, entrepreneurs, and small businesses that need professional-grade features without the complexity or cost of enterprise-level editions. It supports advanced productivity tools required by developers, IT professionals, and remote workers who demand reliable security and device management.

Windows 10 Education

Purpose and Target Audience

Windows 10 Education is tailored specifically for academic institutions and their students, faculty, and staff. It builds upon the Windows 10 Enterprise edition, offering nearly all its advanced features but with licensing options that cater to educational budgets. This version provides educational organizations with tools to deploy, manage, and secure devices efficiently while supporting learning environments.

Enhanced Features for Educational Environments

Windows 10 Education includes features designed to facilitate teaching, collaboration, and device management in schools and universities. It supports advanced security technologies like Credential Guard and Device Guard, which protect against sophisticated threats. The edition also enables IT administrators to configure devices with education-specific settings and policies. Additionally, it supports Windows Ink, Microsoft Store for Education, and other tools that enhance productivity and interactivity in classrooms.

Licensing and Availability

This edition is typically available through academic volume licensing programs such as Microsoft's

Academic Volume Licensing and programs like Microsoft Imagine. Windows 10 Education offers significant cost savings for educational institutions while maintaining enterprise-grade security and management features.

Windows 10 Enterprise

Advanced Security and Management

Windows 10 Enterprise is the most comprehensive edition available, designed for large organizations requiring advanced security, management, and deployment options. It includes all features found in Windows 10 Pro plus additional capabilities such as AppLocker, Windows Defender Advanced Threat Protection (ATP), DirectAccess, and more granular control through Group Policy. It supports complex IT infrastructure needs and helps organizations maintain compliance with industry regulations.

Enterprise-Grade Features

Key features exclusive to Enterprise include:

- **AppLocker:** Controls which applications and files users can run.
- **Windows Defender ATP:** Provides advanced endpoint threat detection and response.
- **DirectAccess:** Enables seamless remote connectivity without VPNs.
- **Long-Term Servicing Channel (LTSC):** Offers stable, minimal-update versions for critical systems.
- **Credential Guard and Device Guard:** Protect credentials and devices from attacks.

Deployment and Licensing

Windows 10 Enterprise is available through volume licensing agreements such as Microsoft's Enterprise Agreement or subscriptions via Microsoft 365 E3/E5 plans. Organizations benefit from flexible deployment options, including customized imaging and provisioning tools, to roll out Windows at scale efficiently.

Comparative Analysis of Pro, Education, and Enterprise

Feature Comparison

While Windows 10 Pro, Education, and Enterprise share a common core, their feature sets diverge in security, management, and deployment capabilities. Pro serves as the baseline for professional use,

Education extends Enterprise features to academic users at reduced cost, and Enterprise provides the most extensive toolkit for security and IT control.

Security and Management Differences

Enterprise and Education editions include advanced security features like Credential Guard and Device Guard, absent from Pro. Enterprise offers unique tools such as AppLocker and Windows Defender ATP, which provide higher levels of application control and threat detection. Pro provides essential security but lacks some of the sophisticated protections required by large organizations.

Licensing and Cost Considerations

Cost and licensing flexibility vary significantly. Windows 10 Pro is typically sold as a standalone retail license or pre-installed on devices. Education and Enterprise editions require volume licensing agreements, which offer bulk pricing and additional deployment options. Educational institutions benefit from discounted licensing for Windows 10 Education, making it an attractive choice for schools and universities.

Licensing and Deployment Considerations

Volume Licensing Programs

Windows 10 Education and Enterprise editions are primarily distributed through volume licensing programs, which provide organizations with centralized management of licenses and compliance tracking. These programs simplify deployment across multiple devices and allow for customized configurations tailored to organizational needs.

Deployment Tools and Strategies

Organizations deploying Windows 10 Pro, Education, or Enterprise benefit from Microsoft's deployment tools such as Windows Autopilot, Microsoft Deployment Toolkit (MDT), and System Center Configuration Manager (SCCM). These tools facilitate streamlined installation, configuration, and updating processes, ensuring devices remain secure and up-to-date.

Upgrade Paths and Compatibility

Upgrading from Windows 10 Pro to Education or Enterprise is supported, allowing organizations to scale security and management features as their needs evolve. Compatibility across different hardware platforms is maintained across all editions, ensuring smooth transitions and minimal disruption.

Frequently Asked Questions

What are the main differences between Windows 10 Pro, Education, and Enterprise editions?

Windows 10 Pro is designed for small businesses and professionals with features like BitLocker and remote desktop. Windows 10 Education includes all Pro features plus education-specific tools and enhanced security, aimed at academic institutions. Windows 10 Enterprise offers advanced security and management features suitable for large organizations, including Windows Defender Advanced Threat Protection and AppLocker.

Can Windows 10 Education be upgraded to Windows 10 Enterprise?

Yes, Windows 10 Education can be upgraded to Windows 10 Enterprise through a volume licensing agreement by changing the product key to an Enterprise key, unlocking additional enterprise-level features.

Is Windows 10 Pro suitable for educational institutions?

While Windows 10 Pro provides many features suitable for professionals and businesses, educational institutions typically benefit more from Windows 10 Education, which offers additional tools and policies tailored for learning environments.

How does licensing for Windows 10 Education differ from Pro and Enterprise?

Windows 10 Education is usually available through academic volume licensing agreements and is often offered at discounted rates for eligible educational institutions. Windows 10 Pro is typically purchased individually or pre-installed, while Enterprise editions require volume licensing for large organizations.

What security features are exclusive to Windows 10 Enterprise compared to Pro and Education?

Windows 10 Enterprise includes advanced security features like Credential Guard, Device Guard, AppLocker, and Windows Defender Advanced Threat Protection, which are not available in Windows 10 Pro or Education editions.

Can Windows 10 Education be used by non-educational users or businesses?

Windows 10 Education is intended for academic institutions and is typically licensed only to students, faculty, and staff. Using it outside the educational context may violate licensing agreements.

Which Windows 10 version is best for managing a large number of devices in a corporate or educational environment?

Windows 10 Enterprise is ideal for large-scale device management due to its advanced management and security features. Windows 10 Education also offers enhanced management tools suitable for educational environments, while Pro is better suited for smaller deployments.

Additional Resources

1. *Mastering Windows 10 Pro: A Comprehensive Guide for Professionals*

This book dives deep into the features and functionalities of Windows 10 Pro, tailored for IT professionals and power users. It covers installation, configuration, system optimization, and security settings to maximize productivity. Readers will learn best practices for managing updates, user accounts, and network settings.

2. *Windows 10 Education Edition: Enhancing Learning Environments*

Focused on the Education version of Windows 10, this book explores tools and features designed specifically for students and educators. It highlights classroom management, security protocols, and collaboration tools such as Microsoft Teams for Education. The book provides practical tips for integrating Windows 10 Education into modern learning environments.

3. *Windows 10 Enterprise: Advanced Security and Deployment Strategies*

This guide is aimed at IT administrators managing large organizations using Windows 10 Enterprise. It covers advanced deployment methods, group policy management, and security features like Windows Defender Advanced Threat Protection. Readers will find step-by-step instructions for creating secure and scalable enterprise environments.

4. *Windows 10 Pro for Business: Productivity and Security Essentials*

Designed for small to medium businesses, this book outlines how to leverage Windows 10 Pro's capabilities to improve business operations. It includes chapters on device management, encryption, and remote work solutions. The book also offers advice on maintaining compliance and safeguarding sensitive company data.

5. *Deploying Windows 10 Education: A Practical Implementation Guide*

This practical guide helps IT staff and educators deploy Windows 10 Education edition efficiently across schools and campuses. It covers imaging, activation, and configuration tailored to educational needs. Readers will also find tips on managing user profiles and integrating educational software.

6. *Windows 10 Enterprise Security Handbook*

Focusing exclusively on security, this book provides a detailed look at protecting Windows 10 Enterprise environments. Topics include threat mitigation, incident response, and configuring Windows Defender Firewall and BitLocker. The book is ideal for cybersecurity professionals tasked with safeguarding enterprise systems.

7. *Windows 10 Pro Administration: Tools and Techniques for IT Professionals*

This book equips IT administrators with the necessary tools and techniques to manage Windows 10 Pro devices effectively. It covers PowerShell scripting, remote administration, and system troubleshooting. Readers will gain insight into automating routine tasks and maintaining system health.

8. *Customizing Windows 10 Education for Enhanced User Experience*

Explore ways to personalize and optimize the Windows 10 Education edition to suit different learning styles and accessibility needs. The book discusses customization of user interfaces, educational apps, and accessibility features. It's a valuable resource for educators and IT staff aiming to create inclusive learning environments.

9. *Windows 10 Enterprise: Managing Updates and Compliance*

This book focuses on managing updates, patches, and compliance requirements within Windows 10 Enterprise installations. It provides strategies for using Windows Update for Business, WSUS, and Microsoft Endpoint Configuration Manager. Readers will learn how to maintain system stability while meeting regulatory standards.

Windows 10 Versions Pro Education Enterprise

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windows 10 versions pro education enterprise: Windows 11 for Enterprise

Administrators Manuel Singer, Jeff Stokes, Steve Miles, Thomas Lee, Richard Diver, 2023-10-30
Get to grips with the intricacies of Windows 11 management, security, and deployment to foster organizational efficiency and resiliency
Key Features Enhance your enterprise administration skills to reap the full potential of Windows 11
Configure Azure Active Directory (AD) to enable cloud-based services
Provide enterprise-level security with ease using the built-in data loss prevention of Windows 11
Purchase of the print or Kindle book includes a free PDF eBook
Description Windows 11 comes with a plethora of new security measures, customizability, and accessibility features that can help your organization run more smoothly. But, without a proper introduction to this new version of Windows, it's easy to miss the most important improvements, along with configuration options that will make migrating to Windows 11 frictionless. Windows 11 for Enterprise Administrators helps you understand the installation process, configuration methods, deployment scenarios, and management strategies. You'll delve into configuring Remote Server Administration Tools for remote Windows Server and Azure Active Directory management. This edition emphasizes PowerShell's role in automating administrative tasks, and its importance in Windows 11 and Windows Server management. It also provides comprehensive insights into Windows 11 updates, including Version 21H2 and 22H2, contrasting them with Windows 10, ensuring your knowledge stays current with the latest enhancements in the Windows ecosystem. By the end of this book, you'll be well-equipped with Windows 11's vital technologies and potentials, enabling you to adeptly oversee and implement these attributes within your company. What you will learn
Configure and harden PowerShell
Explore advanced options to secure the user account credentials
Perform administrative tasks using the RSAT tool
Explore EUC device models and their key considerations
Manage Windows 11 security efficiently
Work with Azure AD and Intune management
Apply the zero-trust and defense-in-depth approach
Who this book is for If you're a system administrator tasked with upgrading to Windows 11, then this book is for you. Having deployed and managed previous versions of Windows in the past will help you follow along this book, but you can also use it as a guide if Windows 11 is your first foray into system administration.

windows 10 versions pro education enterprise: Windows 10 for Enterprise Administrators

Jeff Stokes, Manuel Singer, Richard Diver, 2017-09-11 Learn the art of configuring, deploying, managing and securing Windows 10 for your enterprise. About This Book Enhance your enterprise administration skills to manage Windows 10 Redstone 3 Get acquainted with configuring Azure Active Directory for enabling cloud-based services and Remote Server Admin Tools for managing Windows Server Provide enterprise-level security with ease using the built-in data loss prevention of Windows 10 Who This Book Is For If you are a system administrator who has been given the responsibility of administering and managing Windows 10 Redstone 3, then this book is for you. If you have deployed and managed previous versions of Windows, it would be an added advantage. What You Will Learn Understand the remote access capabilities Use third-party tools to deploy Windows 10 Customize image and user Interface experience Implement assigned access rights Configure remote administration Manage Windows 10 security Work with Azure AD and Intune management In Detail Microsoft's launch of Windows 10 is a step toward satisfying the enterprise administrator's needs for management and user experience customization. This book provides the enterprise administrator with the knowledge needed to fully utilize the advanced feature set of Windows 10 Enterprise. This practical guide shows Windows 10 from an administrator's point of view. You'll focus on areas such as installation and configuration techniques based on your enterprise requirements, various deployment scenarios and management strategies, and setting up and managing admin and other user accounts. You'll see how to configure Remote Server Administration Tools to remotely manage Windows Server and Azure Active Directory. Lastly, you will learn modern Mobile Device Management for effective BYOD and how to enable enhanced data protection, system hardening, and enterprise-level security with the new Windows 10 in order to prevent data breaches and impede attacks. By the end of this book, you will know the key technologies and capabilities in Windows 10 and will confidently be able to manage and deploy these features in your organization. Style and approach This step-by-step guide will show you how to configure, deploy, manage, and secure the all new Windows 10 Redstone 3 for your enterprise.

windows 10 versions pro education enterprise: Exam Ref MD-101 Managing Modern Desktops Andrew Bettany, Andrew Warren, 2021-11-01 Prepare for Microsoft Exam MD-101—and help demonstrate your real-world mastery of skills and knowledge required to manage modern Windows 10 desktops. Designed for Windows administrators, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Associate level. Focus on the expertise measured by these objectives: • Deploy and upgrade operating systems • Manage policies and profiles • Manage and protect devices • Manage apps and data This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience deploying, configuring, securing, managing, and monitoring devices and client applications in an enterprise environment About the Exam Exam MD-101 focuses on knowledge needed to plan a Windows 10 deployment; plan and implement Windows 10 with Windows Autopilot and MDT; manage accounts, VPN connections, and certificates; implement device compliance policies; configure device profiles; manage user profiles; implement and manage device, application, and threat protection; manage Intune devices; monitor devices; manage updates; deploy/update applications; and implement Mobile Application Management (MAM). About Microsoft Certification Passing this exam and Exam MD-100: Windows 10 fulfills your requirements for the Microsoft 365 Certified: Modern Desktop Administrator Associate certification credential, demonstrating your ability to deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. See full details at: microsoft.com/learn

windows 10 versions pro education enterprise: Microsoft Exam MD-100 Windows 10 Certification Guide Jeroen Burgerhout, 2020-05-22 An administrator's guide to deploying, configuring, securing, managing, and monitoring devices and client applications in an enterprise environment and passing Exam MD-100: Windows 10 easily Key Features Equip yourself to earn the Microsoft 365 Certified: Modern Desktop Administrator Associate certification Develop the skills needed to pass the Exam MD-100 and advance in your organization Learn to install Windows 10 operating systems and deploy and manage modern desktops and devices Book DescriptionMicrosoft

Exam MD-100 Windows 10 Certification Guide offers complete, up-to-date coverage of the MD-100 exam, helping you take the exam with confidence, fully equipped to pass on the first attempt. Complete with a clear, succinct explanation of key concepts, self-assessment questions, tips, and mock exams with detailed answers, this MD-100 study guide covers different facets of upgrading and deploying Windows 10. You'll learn how to manage devices and data, configure connectivity, troubleshoot OS and app problems, and secure and maintain Windows 10 with updates and recovery. You'll also explore different Windows 10 editions and learn how to choose the best fit for your organization. This book will guide you in installing and configuring Windows 10 using different approaches. As you advance, you'll get to grips with managing local users and groups in Windows 10 and learn how to establish connections via different networks, such as a LAN and WLAN/Wi-Fi. By the end of this book, you'll have covered everything you need to pass the MD-100 certification exam and become a Microsoft 365 Certified: Modern Desktop Administrator Associate. What you will learn

- Deploy Windows 10 in a variety of ways
- Manage local users, groups, and devices
- Configure networking and remote connectivity
- Gain insights into Windows 10 maintenance
- Customize different Windows 10 features
- Become an expert at troubleshooting and recovery
- Get to grips with managing log files
- Monitor and manage Windows security

Who this book is for This book is for both experienced and novice IT administrators who work with deploying, configuring, securing, and monitoring devices. Anyone with a working knowledge of managing identity, access, policies, updates, and apps can take this exam. Although not necessary, experience with Microsoft 365 workloads, Windows 10 devices, and non-Windows devices will be helpful.

windows 10 versions pro education enterprise: MCSA Windows 10 Study Guide William Panek, 2017-01-04 Master Windows 10 installation and configuration, including new technologies The MCSA Windows 10 Study Guide is the only comprehensive resource you'll need to prepare for Exam 70-698. You'll find expert coverage of 100% of all exam objectives led by expert Microsoft MVP, William Panek. Quickly master the concepts and processes involved in Windows 10 installation and configuration. The Sybex superior study tools and online learning environment include: system requirements, devices, core services, networking, storage, data access and usage, maintenance, updates, data recovery, and more. Real-world scenarios bring on the job experience while hands-on exercises provide practical instruction on critical techniques, and the Sybex online learning environment gives you access to electronic flashcards for last minute review, an assessment test, and bonus practice exams so you can be confident on exam day. Exam 70-698 is the first of two exams for the MCSA certification. Addressing local and desktop deployments, these topics form the foundation of what's to come. This Sybex Study Guide gives you the tools you need along with expert content so you can build the essential knowledge base and master the key concepts. Clarify processes with hands-on exercises Identify knowledge gaps through chapter review questions Test your understanding with online bonus practice exams and more With a 90-percent market share, Windows is the world's number-one desktop OS. While it may look similar to Windows 8, Windows 10 includes a number of enhanced features that specialists need to know, and MCSA candidates must be able to demonstrate a clear understanding of how to work with these new technologies. MCSA Windows 10 Study Guide: Exam 70-698 is your complete guide to Windows 10 installation and configuration, with expert instruction and practical exam preparation.

windows 10 versions pro education enterprise: MCSA: Windows 10 Complete Study Guide William Panek, 2017-02-06 The go-to MCSA prep guide, updated for Windows 10 and the new exams MCSA Windows 10 Complete Study Guide is your comprehensive resource for taking both Exams 70-698 and 70-697. Covering 100% of all exam objectives, this study guide goes beyond mere review to delve deeper into the complex topics and technologies to help you strengthen your understanding and sharpen your skills. Written by a veteran Microsoft MVP, this guide walks you through MCSA skills in context to show you how concepts are applied in real-world situations. Hands-on exercises speed the learning process and facilitate internalization, while review questions challenge and test the depth of your understanding. You also get access to the Sybex interactive online learning environment, featuring flashcards, videos, an assessment test, and bonus practice

exams to face exam day with confidence. The MCSA certification process has changed; Exam 70-698 tests your skills in installing and configuring Windows 10, and then Exam 70-697 gauges your abilities in configuring Windows devices. This book is your ideal companion to study for both exams. Study 100 percent of the objectives for Exams 70-698 and 70-697 Apply your knowledge with hands-on exercises Test your skills with challenging review questions Access videos, electronic flashcards, a searchable glossary, and bonus practice exams The demand for qualified Windows 10 professionals will be high, as more than half of the corporate user base that skipped Windows 8/8.1 is expected to adopt Windows 10. If you want the skills that are in demand, you need to get certified; if you're ready to get serious about the exam, MCSA: Windows 10 Complete Study Guide is the resource you shouldn't be without.

windows 10 versions pro education enterprise: C# 13 and .NET 9 - Modern Cross-Platform Development Fundamentals, Ninth Edition Mark J. Price, 2024-11-12 An accessible guide for beginner-to-intermediate programmers to the concepts, real-world applications, and latest features of C# 13 and .NET 9, with hands-on exercises using Visual Studio and Visual Studio Code Key Features Explore the newest additions to C# 13, the .NET 9 class libraries, and Entity Framework Core 9 Build professional websites and services with ASP.NET Core 9 and Blazor Enhance your skills with step-by-step code examples and best practices tips Book Description This Packt bestseller continues to be the definitive guide to modern cross-platform development. The 9th edition of C# 13 and .NET 9 - Modern Cross-Platform Development Fundamentals has been updated to cover the latest features and improvements in .NET 9 and C# 13. You'll start by mastering object-oriented programming, learning how to write, test, and debug functions, and implementing interfaces. You'll then dive into .NET APIs for data management, filesystem operations, and serialization. This latest edition integrates .NET 9 enhancements into its examples: faster exceptions and new LINQ methods. New ASP.NET Core 9 features include optimized static assets, built-in OpenAPI document generation, and the HybridCache. Practical examples, such as building websites and services with ASP.NET Core, have been refreshed to utilize the latest .NET 9 features. The book also introduces Blazor, with its new unified hosting model for unparalleled code reusability. With these updates, you'll learn how to build robust applications and services efficiently and effectively. By the end of this book, you'll have the knowledge and confidence to create professional and high-performance web applications using the latest technologies in C# 13 and .NET 9. What you will learn Discover the new features of .NET 9, including more flexible params and new LINQ like CountBy and Index Leverage the new ASP.NET Core 9 features for optimized static assets, OpenAPI document generation, and HybridCache Utilize the native AOT publish capability for faster startup and reduced memory footprint Build rich web user interface experiences using Blazor in ASP.NET Core 9 Integrate and update databases in your applications using Entity Framework Core 9 models Query and manipulate data using LINQ Build powerful services using Minimal APIs Who this book is for This book is aimed at beginner to intermediate-level C# and .NET developers. While prior exposure to C# or .NET is not a prerequisite, a general understanding of programming concepts will be beneficial. If you want to learn more technologies for building modern .NET projects like gRPC, SignalR, and .NET MAUI, read Mark's Apps and Services with .NET 8 book next; and if you aim to become a professional .NET developer quickly or mainly work on team projects, read his other book, Tools and Skills for .NET 8.

windows 10 versions pro education enterprise: MDM: Fundamentals, Security, and the Modern Desktop Jeremy Moskowitz, 2019-07-30 The first major book on MDM written by Group Policy and Enterprise Mobility MVP and renowned expert, Jeremy Moskowitz! With Windows 10, organizations can create a consistent set of configurations across the modern enterprise desktop—for PCs, tablets, and phones—through the common Mobile Device Management (MDM) layer. MDM gives organizations a way to configure settings that achieve their administrative intent without exposing every possible setting. One benefit of MDM is that it enables organizations to apply broader privacy, security, and application management settings through lighter and more efficient tools. MDM also allows organizations to target Internet-connected devices to manage policies

without using Group Policy (GP) that requires on-premises domain-joined devices. This makes MDM the best choice for devices that are constantly on the go. With Microsoft making this shift to using Mobile Device Management (MDM), a cloud-based policy-management system, IT professionals need to know how to do similar tasks they do with Group Policy, but now using MDM, with its differences and pitfalls. What is MDM (and how is it different than GP) Setup Azure AD and MDM Auto-Enrollment New PC Rollouts and Remote Refreshes: Autopilot and Configuration Designer Enterprise State Roaming and OneDrive Documents Roaming Renowned expert and Microsoft Group Policy and Enterprise Mobility MVP Jeremy Moskowitz teaches you MDM fundamentals, essential troubleshooting techniques, and how to manage your enterprise desktops.

windows 10 versions pro education enterprise: Exploring Windows 10 May 2020 Edition

Kevin Wilson, 2020-06-30 Updated to cover the May 2020 Update, also known as Version 20H1. Exploring Windows 10 is the essential guide for those who want to get to grips with the fundamentals of Microsoft Windows 10. Written in a clear and practical way using illustrations, screenshots, video demos, and easy to follow instructions, Exploring Windows 10 will help you: Install or upgrade to Windows 10 May 2020 update Master the key features of Windows 10 Find your way around the Desktop, Start Menu, and the Taskbar Organise your files with File Explorer Learn about external drives, flash drives, and memory cards Learn to use Action Centre, Timeline, and Cloud Clipboard Search the web with the Microsoft Edge Browser Keep in touch using email and skype video chat Organise, enhance, and share your photos with the Photos App Create home movies with your video clips, photos 3D models, effects, and music to share with friends Have fun with 3D models and Paint 3D Listen to your favourite music with Spotify and Groove Music App Learn how to watch your favourite TV programs and films using the Films & TV App Play your DVD collection on your PC Learn about apps, find and download them Understand how Cloud storage with OneDrive works, and use it for free storage and sharing files Try out the new Cortana experience, the voice-activated Personal Digital Assistant who can perform searches on your computer or the web, and actions like opening apps or documents, or setting reminders. As well as a new chat style feature. Use the Cloud Restore feature And a whole lot more... In addition, you will learn how to make the most of the new features of Windows 10 with clear explanations and video demos to help you along the way. Finally, maintenance tips to help you keep your PC running smoothly complete this invaluable guide. You'll want to keep this edition handy as you make your way around the new OS.

windows 10 versions pro education enterprise: Exam Ref 70-697 Configuring Windows Devices Andrew Bettany, Andrew Warren, 2018-04-25 Prepare for Microsoft Exam 70-697-and help demonstrate your real-world mastery of configuring Windows 10 devices in the enterprise. Designed for experienced IT professionals ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: • Manage identity • Plan desktop and device deployment • Plan and implement a Microsoft 365 Solution • Configure networking • Configure storage • Manage data access and protection • Manage remote access • Manage apps • Manage updates and recovery This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience with Windows desktop administration, maintenance, and troubleshooting; Windows 10 security, and integrated Azure features; as well as a basic understanding of Windows networking, Active Directory, and Microsoft Intune For details on requirements for taking Exam 70-697, go to

<https://www.microsoft.com/en-us/learning/exam-70-697.aspx>

windows 10 versions pro education enterprise: Complete A+ Guide to IT Hardware and Software Cheryl A. Schmidt, 2019-07-26 Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ Core 1 (220-1101) and Core 2 (220-1102) exams. This is your all-in-one, real-world, full-color guide to connecting, managing, and troubleshooting modern devices and systems in authentic IT scenarios. Its thorough instruction built on the CompTIA A+ Core 1 (220-1101) and Core 2

(220-1002) exam objectives includes coverage of Windows 10, Mac, Linux, Chrome OS, Android, iOS, cloud-based software, mobile and IoT devices, security, Active Directory, scripting, and other modern techniques and best practices for IT management. Award-winning instructor Cheryl Schmidt also addresses widely-used legacy technologies—making this the definitive resource for mastering the tools and technologies you'll encounter in real IT and business environments. Schmidt's emphasis on both technical and soft skills will help you rapidly become a well-qualified, professional, and customer-friendly technician. **LEARN MORE QUICKLY AND THOROUGHLY WITH THESE STUDY AND REVIEW TOOLS:** Learning Objectives and chapter opening lists of CompTIA A+ Certification Exam Objectives make sure you know exactly what you'll be learning, and you cover all you need to know Hundreds of photos, figures, and tables present information in a visually compelling full-color design Practical Tech Tips provide real-world IT tech support knowledge Soft Skills best-practice advice and team-building activities in every chapter cover key tools and skills for becoming a professional, customer-friendly technician Review Questions—including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions—carefully assess your knowledge of each learning objective Thought-provoking activities help students apply and reinforce chapter content, and allow instructors to “flip” the classroom if they choose Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to deeper understanding Chapter Summaries recap key concepts for more efficient studying Certification Exam Tips provide insight into the certification exam and preparation process

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