

Comptia Security Syo 401 Exam Review

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Access to the videos and exercises is available through product registration at Pearson IT Certification; or see instructions in back pages of your eBook. Learn, prepare, and practice for CompTIA Security+ SY0-401 exam success with this CompTIA Authorized Cert Guide, Deluxe Edition from Pearson IT Certification, a leader in IT Certification learning and a CompTIA Authorized Platinum Partner. The DVD features three complete practice exams, complete video solutions to 31 hands-on labs, plus 31 interactive flash-based simulations that include drag-and-drop and matching to reinforce the learning. Master CompTIA's Security+ SY0-401 exam topics Assess your knowledge with chapter-ending quizzes Reinforce your knowledge of key concepts with chapter review activities Practice with realistic exam questions on the DVD Includes complete video solutions to 31 hands-on labs Plus 31 interactive simulations on key exam topics

Join over 250,000 IT professionals who've earned Security+ certification If you're an IT professional hoping to progress in your career, then you know that the CompTIA Security+ exam is one of the most valuable certifications available. Since its introduction in 2002, over a quarter million professionals have achieved

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Security+ certification, itself a springboard to prestigious certifications like the CASP, CISSP, and CISA. The CompTIA Security+ Study Guide: SY0-401 covers 100% of the Security+ exam objectives, with clear and concise information on crucial security topics. You'll find everything you need to prepare for the 2014 version of the Security+ certification exam, including insight from industry experts on a wide range of IT security topics. Readers also get access to a robust set of learning tools, featuring electronic flashcards, assessment tests, robust practice test environment, with hundreds of practice questions, and electronic flashcards. CompTIA authorized and endorsed Includes updates covering the latest changes to the exam, including better preparation for real-world applications Covers key topics like network security, compliance and operational security, threats and vulnerabilities, access control and identity management, and cryptography Employs practical examples and insights to provide real-world context from two leading certification experts Provides the necessary tools to take that first important step toward advanced security certs like CASP, CISSP, and CISA, in addition to satisfying the DoD's 8570 directive If you're serious about jump-starting your security career, you need the kind of thorough preparation included in the CompTIA Security+ Study Guide: SY0-401.

CompTIA® Security+ Exam Cram, Fourth Edition, is the perfect study guide to help you pass CompTIA's newly updated version of the Security+ exam. It provides coverage and practice questions for every exam topic. The book contains a set of 200 questions in two full

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practice exams. The CD-ROM contains the powerful Pearson IT Certification Practice Test engine that provides real-time practice and feedback with all the questions so you can simulate the exam. Covers the critical information you need to know to score higher on your Security+ exam! --Categorize types of attacks, threats, and risks to your systems --Secure devices, communications, and network infrastructure -- Troubleshoot issues related to networking components -- Effectively manage risks associated with a global business environment -- Differentiate between control methods used to secure the physical domain -- Identify solutions to secure hosts, data, and applications -- Compare techniques to mitigate risks in static environments -- Determine relevant access control, authorization, and authentication procedures -- Select appropriate mitigation techniques in response to attacks and vulnerabilities -- Apply principles of cryptography and effectively deploy related solutions --Implement security practices from both a technical and an organizational standpoint

An all-new CompTIA Security+ exam guide from top CompTIA training and exam prep expert Mike Meyers In Mike Meyers' CompTIA Security+ Certification Guide (Exam SY0-401), the bestselling author and leading authority on CompTIA A+ certification brings his highly effective methodology to IT security for the first time. Like the exam, this book goes beyond knowledge application and is designed to ensure that security personnel anticipate security risks and guard against them. Meyers' "in the trenches" voice and the clarity of his

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explanations make his books the bestselling self-study resources available for professional certification.

Electronic content includes: 20+ lab simulations, 1+ hour of video training from Meyers, and hundreds of practice exam questions McGraw-Hill Professional is a Platinum-Level CompTIA Authorized Partner CAQC Authorized (CompTIA Approved Quality Curriculum) Includes Mike's toolbox of favorite network security related freeware/shareware

The premium edition features the bestselling book plus one year of unlimited access* to Practice Labs for CompTIA Security+, including real world hands-on tasks carried out on real hardware simply accessed from a web browser. An innovative, hands-on study system from a team of CompTIA certification and security experts, CompTIA Security+ Certification All-in-One Exam Guide, Premium Fourth Edition with Online Practice Labs offers complete coverage of CompTIA Security+ exam SY0-401 and prepares you for difficult performance-based exam questions. The Practice Labs platform offers an opportunity to work with industry standard technologies to help you develop a deeper understanding of the topics covered in the certification exam. One year of online access includes: Real hardware and software needed to develop your practical skills—this is not a simulation, but access to the actual equipment you would expect to find in any work place along with a wide range of industry standard technologies Certification labs for CompTIA Security+—the associated lab guide provides realistic scenarios and step-by-step instructions Real world

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configurations that provide sufficient hardware not only to carry out tasks, but also test the impact of those changes Administrative access to the relevant devices giving you complete control to carry out either your own configurations or to follow the lab guide to configure specific technologies required for CompTIA Security+ The ability to reset and start over with the click of a button—no fear of making mistakes! The book features learning objectives at the beginning of each chapter, exam tips, and end of chapter practice questions with in-depth answer explanations. Designed to help you pass the CompTIA Security+ exam with ease, this definitive volume also serves as an essential on-the-job reference. The book also includes: Practice Test Software with hundreds of questions (Microsoft Windows only) PDF copy of the book CompTIA Security+ Certification All-in-One Exam Guide, Fourth Edition covers all exam topics, including: Network security Compliance and operational security Threats and vulnerabilities Application, data, and host security Access control and identity management Cryptography *For complete one-year access, initial registration must occur within the first two years of the Premium Fourth Edition's date of publication.

"CompTIA Security+ (SY0-401) Complete Video Course is an engaging self-paced video training solution that provides learners with over 10 hours of personal, visual instruction from an expert trainer who has over a decade of practical teaching experience. Through the use of topic-focused instructional videos you will gain an in-depth understanding of the CompTIA Security+ SY0-401 exam as well as a deeper understanding of security so

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you master the key foundational principles for securing a network and managing risk. Included with the product are dynamic and interactive hands-on exercises and quizzes so you can test your knowledge while you study. The course also includes a practice exam which is based on the updated Security + exam" --Resource description page.

The best fully integrated study system available for the CompTIA Security+ exam! Prepare for CompTIA Security+ Exam SY0-401 with McGraw-Hill Professional--a Platinum-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day. With hundreds of practice exam questions, including new performance-based questions, CompTIA Security+ Certification Study Guide, Second Edition covers what you need to know--and shows you how to prepare--for this challenging exam. 100% complete coverage of all official objectives for exam SY0-401 Exam Watch notes call attention to information about, and potential pitfalls in, the exam Inside the Exam sections in every chapter highlight key exam topics covered Two-Minute Drills for quick review at the end of every chapter Simulated exam questions--including performance-based questions--match the format, topics, and difficulty of the real exam Covers all the exam topics, including:
Networking Basics and Terminology * Security Terminology * Security Policies and Standards * Types of Attacks * System Security Threats * Mitigating Security Threats * Implementing System Security * Securing the Network Infrastructure * Wireless

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Networking and Security * Authentication * Access Control * Cryptography • Managing a Public Key Infrastructure * Physical Security * Risk Analysis * Disaster Recovery and Business Continuity * Computer Forensics * Security Assessments and Audits * Monitoring and Auditing Electronic content includes: Test engine that provides customized practice exams by chapter or by exam domain 1+ hour of video training from the author Lab exercise PDF with solutions NEW pre-assessment exam Glossary of key terms PDF copy of the book for studying on the go

Your complete guide to the CompTIA Security+ Certification Exam(SY0-401) CompTIA Security+ Deluxe Study Guide provides acomprehensive study tool for the SY0-401 exam, launched in May2014. With in-depth information on security essentials andstandards, practical examples, and insights drawn from real-worldexperience, this guide provides you with the information you needto be a security administrator, as well as the preparing you forthe Security+ exam. This deluxe edition of Sybex's CompTIASecurity+ Study Guide features over one hundred additional pages ofmaterial, plus free software and bonus videos that help explaincomplex topics. The companion DVD also includes a robust set oflearning tools, featuring Sybex's proprietary test engine withchapter review questions, a pre-assessment test, hundreds ofpractice questions, and over one hundred electronic flashcards. The CompTIA Security+ exam is considered the "starting point"for security professionals looking to get a leg up on thecompetition. This ninety-minute exam contains up to

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one hundred questions, so candidates must be secure enough in the material to answer quickly with confidence. This study guide helps you master the material: Review network, compliance, and operational security Understand data, application, and host security Master the complexities of cryptography Get up to speed on threats, vulnerabilities, access control, and identity management Practice makes perfect, and this guide provides hundreds of opportunities to get it right. Work through from beginning to end, or just focus on your weak areas – either way, you'll be getting clear, concise, complete information on key exam topics. For the SY0-401 candidate who wants to ace the exam, CompTIA Security+ Deluxe Study Guide provides the information, tools, and practice needed to succeed. "The CompTIA Security+ covers the latest SY0-501 version of the CompTIA Security+ certification exam. The course enables the students to gain the basic knowledge needed to plan, implement, and maintain information security in a vendor-neutral format. The course includes topics such as risk management, host and network security, authentication and access control systems, cryptography, and organizational security. The course contents are based on the CompTIA Security+ (SY0-501) certification exam and completely covers all the exam topics through theoretical and scenario-based learning examples. The CompTIA Security+ is the premier vendor-neutral security certification. This preparatory course for the CompTIA Security+ certification exam assures that the students completely learn and understand the exam topics of the latest

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SY0-501 exam version. The students will be able to demonstrate their knowledge of security concepts, tools, and procedures. It also confirms their ability to react to security incidents, and validates their skills in anticipating security risks and guarding against them."--Resource description page.

CompTIA Security+ Study Guide SY0-401 John Wiley & Sons

Pass the First Time. The CompTIA Security+ Get Certified Get Ahead SY0-601 Study Guide is an update to the top-selling SY0-201, SY0-301, SY0-401, and SY0-501 study guides, which have helped thousands of readers pass the exam the first time they took it. Free Online Resources. Buyers have access to free online resources, including additional practice test questions using an online testing engine via a browser, online labs (including a lab to create a bootable USB to boot into Linux), and downloadable extras. Links to the FREE online resources are in the Exam Topic Reviews at the end of every chapter. This book covers all of the SY0-601 objectives and includes the same elements readers raved about in the previous versions. Each of the eleven chapters presents topics in an easy-to-understand manner and includes real-world examples of security principles in action. The author uses many of the same analogies and explanations that he honed in the classroom and have helped hundreds of students master the Security+ content. With this book, you'll understand the important and relevant security topics for the Security+ exam without being overloaded with unnecessary details. Additionally, each chapter includes

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a comprehensive Exam Topic Review section to help you focus on what's important. Over 300 realistic practice test questions with in-depth explanations will help you test your comprehension and readiness for the exam. The study guide includes a 75 question pre-test, a 75 question post-test, and practice test questions at the end of every chapter. Each practice test question includes a detailed explanation helping you understand why the correct answers are correct and why the incorrect answers are incorrect. If you plan to pursue any of the advanced security certifications, this guide will also help you lay a solid foundation of security knowledge. Learn this material, and you'll be a step ahead for other exams. This SY0-601 study guide is for any IT or security professional interested in advancing in their field and a must-read for anyone striving to master the basics of IT systems security.

CompTIA Security+: Get Certified Get Ahead: SY0-401 Practice Test Questions includes realistic practice test questions with in-depth explanations for the CompTIA Security+ SY0-401 exam. If you've been studying for this exam and want to test your readiness, this book is for you. Practice test questions are organized in six chapters, with a chapter dedicated to each of the Security+ domains. The introduction includes details on the exam to give you an idea of what to expect. Additionally, the acronym list at the end of the book provides relevant details on many of the acronyms referenced in the Security+ exam.

"Network and computer security used to be a high priority, now security has become an absolute necessity.

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Understanding the fundamentals of network and computer security is a must in today's environment. CompTIA's Security+ certification is recognized around the world as validation that you know about the fundamental network and computer security practices and actions as well as the technologies involved. Earning the Security+ certification will open doors in the Information Technology workplace. In this course, Mark Long goes step-by-step to help you understand the various technologies and techniques to help you prepare for the CompTIA Security+ SY0-401 exam. Mark has been working in Information Technology for over 25 years and has worked in data security in the corporate environment and brings real-world knowledge to help you get ready for this exam."--Resource description page.

Don't Let the Real Test Be Your First Test! Prepare for CompTIA Security+ Exam SY0-401 with McGraw-Hill Professional--a Platinum-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day. CompTIA Security+ Certification Practice Exams, Second Edition (Exam SY0-401) is filled with more than 800 realistic practice questions--including new performance-based questions--to prepare you for this challenging exam. To help you understand the material, in-depth explanations of both the correct and incorrect answers are included for every question. This practical guide covers all official objectives for Exam SY0-401 and is the perfect companion to CompTIA Security+ Certification Study Guide, Second Edition. Covers all

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exam topics, including: Networking Basics and Terminology * Security Terminology * Security Policies and Standards * Types of Attacks * System Security Threats * Mitigating Security Threats * Implementing System Security * Securing the Network Infrastructure * Wireless Networking and Security * Authentication * Access Control * Cryptography * Managing a Public Key Infrastructure * Physical Security * Risk Analysis * Disaster Recovery and Business Continuity * Computer Forensics * Security Assessments and Audits * Monitoring and Auditing Electronic content includes: Test engine that provides full-length practice exams and customized quizzes by chapter or by exam domain PDF copy of the book for studying on the go

"CompTIA Security+ Certification is foundation-level certification designed for IT administrators with 2 years' experience whose job role is focused on system security. This course will teach you the fundamental principles of identifying risk and implementing security controls and help you to progress a career in IT security administration." --

From the #1 Name in Professional Certification Prepare for CompTIA Security+ Exam SY0-401 with McGraw-Hill Professional—a Platinum-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day. Get on the fast track to becoming CompTIA Security+ certified with this affordable, portable study tool--fully revised for the latest exam release. Inside, certification training experts guide you on your career path, providing expert tips and sound advice along the way. With an

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intensive focus only on what you need to know to pass CompTIA Security+ Exam SY0-401, this certification passport is your ticket to success on exam day. **INSIDE:**

- Itineraries -- List of official exam objectives covered
- ETAs -- Amount of time needed to complete each lesson
- Travel Advisories -- Expert advice on critical topics
- Local Lingo -- Concise definitions of key terms and concepts
- Travel Assistance -- Recommended resources for more information
- Exam Tips -- Common exam pitfalls and solutions
- Checkpoints -- End-of-chapter questions, answers, and explanations
- Career Flight Path -- Information on the exam and possible next steps

Electronic content includes: 200 practice exam questions

Join over 250,000 IT professionals who've earned Security+ certification

If you're an IT professional hoping to progress in your career, then you know that the CompTIA Security+ exam is one of the most valuable certifications available. Since its introduction in 2002, over a quarter million professionals have achieved Security+ certification, itself a springboard to prestigious certifications like the CASP, CISSP, and CISA. The CompTIA Security+ StudyGuide: SY0-401 covers 100% of the Security+ exam objectives, with clear and concise information on crucial security topics. You'll find everything you need to prepare for the 2014 version of the Security+ certification exam, including insight from industry experts on a wide range of IT security topics. Readers also get access to a robust set of learning tools, featuring electronic flashcards, assessment tests, robust practice test environment, with hundreds of practice questions, and electronic flashcards.

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CompTIA authorized and endorsed Includes updates covering the latest changes to the exam, including better preparation for real-world applications Covers key topics like network security, compliance and operational security, threats and vulnerabilities, access control and identity management, and cryptography Employs practical examples and insights to provide real-world context from two leading certification experts Provides the necessary tools to take that first important step toward advanced security certs like CASP, CISSP, and CISA, in addition to satisfying the DoD's 8570 directive If you're serious about jump-starting your security career, you need the kind of thorough preparation included in the CompTIA Security+ Study Guide: SY0-401.

This book will help you greatly to get familiar with the style of questions and some of the key topics you MUST be familiar with to be ready to take and pass the real exam. It is very important that you find out why you missed a question and why the best answer presented is the best answer. Take the time to research each of the choices, get familiar with acronyms such as PEAP, LEAP, TPM, HSM, SPIM, AP, PSK, CCMP, IKE, DH, MD, MAC, AES, PKCS, and dozen of others you will encounter on the real exam.

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Access to the videos and exercises is available through product registration at Pearson IT Certification; or see instructions in back pages of your eBook. Learn,

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prepare, and practice for CompTIA Security+ SY0-401 exam success with this CompTIA Authorized Cert Guide, Academic Edition from Pearson IT Certification, a leader in IT Certification learning and a CompTIA Authorized Platinum Partner. The DVD features three complete practice exams, complete video solutions to 31 hands-on labs, plus 31 interactive flash-based simulations that include drag-and-drop and matching to reinforce the learning. Master CompTIA's Security+ SY0-401 exam topics Assess your knowledge with chapter-ending quizzes Reinforce your knowledge of key concepts with chapter review activities Practice with realistic exam questions on the DVD Includes complete video solutions to 31 hands-on labs Plus 31 interactive simulations on key exam topics CompTIA Security+ SY0-401 Authorized Cert Guide, Academic Edition includes video solutions to the hands-on labs, practice tests, and interactive simulations that let the reader learn by doing. Best-selling author and expert instructor David L. Prowse shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter review activities help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft

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your approach to passing the exam. The companion Academic Edition DVD contains the powerful Pearson IT Certification Practice Test engine, with three complete practice exams and hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. The Academic Edition DVD also includes complete video solutions to 31 hands-on labs in the book and 31 interactive simulations on key exam topics to reinforce the learning by doing. Learning activities such as test password strength, match the type of Malware with its definition, find the security issues in the network map, and disallow a user access to the network on Saturday and Sunday.

Interactive Simulations: 2-1: Identifying Malware Types 2-2: Securing the BIOS 2-4: Filtering E-mails 3-3: Stopping Services in the Command Prompt 4-1: Securing Web Browsers 5-1: Creating a DMZ 5-3: Defending against the Web Shell 6-1a: Understanding Port Numbers, Part A 6-1b: Understanding Port Numbers, Part B 6-1c: Understanding Port Numbers, Part C 6-2a: Identifying Network Attacks, Part A 6-2b: Identifying Network Attacks, Part B 6-2c: Identifying Network Attacks, Part C 6-2d: Identifying Network Attacks, Part D 7-1: Configuring a Firewall's Ruleset 8-4: Planning Network Security 9-1: Choosing Physical Security Methods 9-2: Selecting the Correct Authentication Technology 9-3: Understanding 802.1X 10-1: Password Strength 10-2: Configuring Logon Hours 10-3: Understanding Access Control Models 11-1a: Risk

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Assessment, Part A 11-1b: Risk Assessment, Part B 11-1c: Vulnerability Management Process 12-1: Capturing and Analyzing Packets 12-2: Deciphering Log Files 13-1: Understanding Symmetric and Asymmetric Algorithms 15-1: Configuring RAID 16-1a: Identifying Social Engineering Attacks, Part A 16-1b: Identifying Social Engineering Attacks, Part B Hands-On Labs Video Solutions: 2-1: Using Free Malware Scanning Programs 2-2: Securing the BIOS 2-3: Securing Mobile Devices 3-1: Discerning and Updating Service Pack Level 3-2: Securing a Virtual Machine 3-3: Working with Services in Windows and Linux 4-1: Securing Web Browsers 4-2: Whitelisting and Blacklisting Applications with a Windows Server Policy 5-2: Subnetting a Network 6-1: Scanning Ports 7-2: Configuring Packet Filtering and NAT 7-3: Configuring an Inbound Filter 8-1: Securing a Wireless Device 8-2: Enabling MAC Filtering 8-3: Wardriving and the Cure 9-3: Understanding 802.1X 9-4: Setting Up a Secure VPN 10-1: Configuring Complex Passwords 10-2: Configuring Password Policies and User Accounts Restrictions 10-4: Configuring User and Group Permissions 11-2: Mapping and Scanning the Network 11-3: Defending Against Password Cracking 12-1: Capturing and Analyzing Packets 12-2: Deciphering Log Files 12-3: Auditing Files 13-1: Understanding Symmetric and Asymmetric Algorithms 13-2: Disabling the LM Hash 14-1: Understanding PKI 14-2: Making an SSH Connection 15-1: Configuring RAID 17-1: Analyzing Test Questions Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this CompTIA

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authorized study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The CompTIA authorized study guide helps you master all the topics on the Security+ exam, including Core computer system security OS hardening and virtualization Application security Network design elements and threats Perimeter security Network media and devices security Physical security and authentication models Access control Vulnerability and risk assessment Monitoring and auditing Cryptography, including PKI Redundancy and disaster recovery Policies and procedures

The Security+ certification is CompTIA's answer to the market's need for a baseline, vendor-neutral security certification. The IT industry recognizes there is a need to better train, staff, and empower those tasked with designing and implementing information security, and Security+ is an effort to meet this demand. Even in challenging times, the field of information security continues to expand. To gain a foothold in this growing field, more than 60,000 people have earned CompTIA's Security+ certification - and thousands more take the Security+ exam every month. CompTIA Security+ SY0-401 Authorized Practice Questions Exam Cram offers all the realistic exam practice you'll need to systematically prepare, identify and fix areas of weakness - and pass your Security+ exam the first time. This book and CD package complements any Security+ study plan with more than 800 practice test questions - all supported with complete explanations of every correct and incorrect answer. The questions cover every

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Security+ exam objective, including systems security, network infrastructure, access control, security assessment and auditing, cryptography, and organizational security. The book contains relevant Exam Notes designed to help you earn a higher score - plus the popular Cram Sheet tear card for last-minute cramming. All 800 questions and explanations are also provided on the accompanying CD-ROM, where they are delivered by a powerful, flexible test engine that offers instant feedback and helps you pinpoint the areas where you need to focus.

A newer version (ISBN-10: 1939136032) of this book is now available. It covers the SY0-401 exam. The SY0-301 exam is no longer available. CompTIA Security+: Get Certified Get Ahead: SY0-301 Practice Test Questions includes 275 realistic practice test questions with in-depth explanations for the CompTIA Security+ SY0-301 exam. If you've been studying for this exam and want to test your readiness, this book is for you. Practice test questions are organized in six chapters, with a chapter dedicated to each of the Security+ domains: 1. Network Security: (52 practice test questions) 2. Compliance and Operational Security: (53 practice test questions) 3. Threats and Vulnerabilities: (71 practice test questions) 4. Application, Data and Host Security: (43 practice test questions) 5. Access Control and Identity Management: (30 practice test questions) 6. Cryptography: (31 practice test questions) The introduction includes details on the exam to give you an idea of what to expect. Additionally, the acronym list at the end of the book provides relevant details on many of

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the acronyms referenced in the Security+ exam. CompTIA Security+ SY0-401 Authorized Cert Guide, Academic Edition is a best-of-breed exam study guide. Best-selling author and expert instructor David L. Prowse shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Chapter-ending review activities help you drill on key concepts you must know thoroughly. Practice exam questions help you assess your knowledge, and a final preparation chapter sets you on the path to passing the exam. The companion DVD contains the powerful Pearson IT Certification Practice Test engine, complete with hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. The DVD also includes video solutions and interactive exercises for the Case Studies in the book. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this authorized study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The authorized study guide helps you master all the topics on the Security+ exam, including Core computer system security OS hardening and virtualization Application

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security Network design elements Networking ports, protocols, and threats Perimeter security Network media and devices security Physical security and authentication models Access control Vulnerability and risk assessment Monitoring and auditing Cryptography, including PKI Redundancy and disaster recovery Policies and procedures

This guide is an exploration of CompTIA Security+. It begins by exploring the security of the network. The various forms of threats to the security of the computer network of any organization are discussed in detail. The ways that they carry out their malicious activities are explored. You will learn the various measures which can be employed in an organization so as to ensure that the computer network is kept safe and secure. Compliance and operation security is explored in detail. The various mechanisms for ensuring that there is operational security are also covered. Data, host, and applications security are very important in any organization. The various forms which can be used to ensure that data has been secured are presented. You will also learn some of the mechanisms which most attackers employ so as to compromise the integrity of stored and on-transit data. The security of applications which have been installed into the hosts of an organization is of great importance. You will be guided on how to keep these secure. Host security is also extremely important. Whenever a single host within an organization has been attacked, the whole organization can be affected negatively. This is because the host can be used for attacking other hosts in the organization once it has been broken into. The identity of

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users accessing the resources of an organization is essential. There is a need for an organization to authorize users to access only particular resources and deny them access to some other resources. You will be guided on how to do this. The following topics are discussed in this book: -Network Security -Compliance and Operation Security -Data, Application, and Host Security -Identity Management -Cryptography Fully revised to cover the 2014 CompTIA Security+ objectives, this is a money-saving self-study bundle with bonus study materials Prepare for CompTIA Security+ Exam SY0-401 with McGraw-Hill Professional--a Platinum-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day. CompTIA Security+ Certification Bundle, Second Edition offers complete coverage of exam SY0-401 and provides a comprehensive self-study program with 1200+ practice exam questions. Pre-assessment tests help you gauge your readiness for the full-length practice exams included in the bundle. For a final overview of key exam topics, you can study the Quick Review Guide. Total electronic content includes: 500 practice exam questions Pre-assessment exam Test engine that provides full-length practice exams and customized quizzes by chapter Video clips Security Audit Checklist Review Guide URL Reference List PDF copies of both books DVD Features Three Complete Practice Exams, 31 videos, and 31 Interactive Exercises Master every topic on CompTIA's new Security+ SY0-401 exam Assess your knowledge and focus your learning Review key concepts with

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chapter-ending activities CompTIA Security+ SY0-401 Authorized Cert Guide, Deluxe Edition, Third Edition, is a best-of-breed exam study guide. Best-selling author and expert instructor David L. Prowse shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Chapter-ending review activities help you drill on key concepts you must know thoroughly. Practice exam questions help you assess your knowledge, and a final preparation chapter sets you on the path to passing the exam. The companion DVD contains the powerful Pearson IT Certification Practice Test engine, complete with hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. The DVD also includes video solutions and interactive exercises to the Case Studies in the book. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this authorized study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The authorized study guide helps you master all the topics on the Security+ exam, including Core computer system security OS hardening and virtualization Application security Network design elements Networking ports, protocols, and threats Perimeter security Network media and devices security Physical security and authentication models Access control Vulnerability and risk assessment Monitoring and auditing Cryptography, including PKI Redundancy and disaster recovery Policies and

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Each of the eleven chapters presents topics in an easy to understand manner and includes real-world examples of security principles in action. The author uses many of the

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same analogies and explanations he's honed in the classroom that have helped hundreds of students master the Security+ content. You'll understand the important and relevant security topics for the Security+ exam, without being overloaded with unnecessary details. You'll be ready to take and pass the exam the first time you take it.

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objective for quick review and reinforcement of key topics. You'll find information on network security, compliance and operational security, and threats and vulnerabilities. Additionally, this indispensable resource delves into application, data, and host security, access control and identity management, and cryptography. Whether you're looking to achieve Security+ certification or simply get up to speed on key IT security concepts, this review guide brings together lessons on the most essential topics. In addition to the content in the book, you'll have access to more than 100 practice exam questions, electronic flashcards, and a searchable glossary of key terms. Serves as an essential review guide for Security+ certification exam Split into six sections that cover the most essential topics for professionals interested in Security+ certification and other certifications Features additional resources featured on companion website, including practice exam questions, electronic flashcards, and a glossary of key terms More than 250,000 IT professionals have earned their Security+ certification since it was founded. Join the thousands who are excelling in their IT careers and get a head start on reviewing for one of the field's most sought after certifications.

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Pass the First Time. The CompTIA Security] Get Certified Get Ahead SY0-501 Study Guide is an

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update to the top-selling SY0-201, SY0-301, and SY0-401 study guides, which have helped thousands of readers pass the exam the first time they took it. It covers all of the SY0-501 objectives and includes the same elements readers raved about in the previous two versions. Each of the eleven chapters presents topics in an easy to understand manner and includes real-world examples of security principles in action. The author uses many of the same analogies and explanations he's honed in the classroom that have helped hundreds of students master the Security+ content. You'll understand the important and relevant security topics for the Security+ exam, without being overloaded with unnecessary details. Additionally, each chapter includes a comprehensive review section to help you focus on what's important. Over 300 realistic practice test questions with in-depth explanations will help you test your comprehension and readiness for the exam. The book includes a 75 question pre-test, a 75 question post-test, and practice test questions at the end of every chapter. Each practice test question includes a detailed explanation to help you understand the content and the reasoning behind the question. You'll also have access to free online resources including labs and additional practice test questions. Using all of these resources, you'll be ready to take and pass the exam the first time you take it. If you plan to pursue any of

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the advanced security certifications, this guide will also help you lay a solid foundation of security knowledge. Learn this material, and you'll be a step ahead for other exams. This SY0-501 study guide is for any IT or security professional interested in advancing in their field, and a must read for anyone striving to master the basics of IT systems security. The author supplements the book with blog posts here: <http://blogs.getcertifiedgetahead.com/>. This page provides a full listing of mobile device apps from the author: <http://learnzapp.com/partners/darrilgibson/>.

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successful transference of knowledge and to identify areas of weakness that require remediation. The questions are NOT designed to "simulate" actual exam questions. "realistic" or actual questions that are for cheating purpose are not available in any of our products.

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