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Cisco ccna security study material

×Sorry to interruptCSS Error If I talk about the security, Security is one of the big concern in the digital technology, as the technology is mordenizing the risk of the theft of the data and information is increasing day by day. To protect the data and information people like you comes in role to protect the data from the hacker to being theft. I have provided download link of the ccna security study material below to learn and grow you networking securty knowlege make your career bright. 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CCNA Security Lab Suggestions The next item you will find in our CCNA Security 210-260 Certification Center is a compiled list of over 50 CCNA Security Theory Articles. Within the articles you will find CCNA Security Labs covering many common CCNA Security topics on the Security exam. These are roughly five page articles and labs on a particular subject that are a great review to get you up to speed for your CCNA Security exam. About half of the articles have labs in them, so look toward the end of the article for the associated lab. CCNA Security Articles & Labs We know that you need a little break when you are studying for your CCNA Security certification test and playing a game or two is an excellent way to break the monotony. So, we have created CCNA Security games just for you! Let yourself break away from the grind for a bit in a fun way to learn that is totally painless. So, if your significant other comes in and sees you playing these games, you can show them that you are really learning as you ace CCNA Security Jeopardy! CCNA Security Games We hope you enjoy all this valuable CCNA Security certification study material that has been created and provided to you free of charge by CertificationKits. Please feel free to like our page and Like this page so others can find it more easily if you think it has tons of great Cisco certification study material! If you are a nerd in IT, probably you may know what CCNA is. If you have not heard about CCNA before or you are not a nerd in IT, CCNA (Cisco Certified Network Associate) is an entry-level IT certification for the world of Computer Networks. This certification is provided by an American networking hardware company called Cisco Systems. Frankly, this certification is really worthy because Cisco is not just a hardware manufacturing company; it is kind of the godfather of Computer Networking. In this article, we are going to go through the best study materials for the Cisco CCNA exam (200-301). Before this exam, Cisco Offered many specialized paths at CCNA level as CCNA Routing and Switching, CCNA Security, CCNA Data Center, etc. But recently they changed it to a common CCNA for everyone. You can simply visit Pearson VUE, then schedule and order an exam at a test center in your area. This certification is one of the basic qualifications required for many good networking jobs today as it covers all the fundamentals of network engineering. If you are an undergraduate of Computer Networking, Cyber Security, or Computer Systems, this is an excellent certification for you to complete during your college days. Because this will come in handy when you apply for the jobs after the degree. The following study materials will definitely be more than enough for you to ace the CCNA with self-study. 1) CCNA 200-301 Official Cert Guide There is no other study material that is better than the Official Certification Guide book provided by Cisco for the CCNA Exam. This guide has Volume 1 and Volume 2. The book is written by a great author who is academically and professionally experienced in the Network Engineering field. If you are a college undergraduate or graduate, this book might solely help you to make yourself ready for the Cisco CCNA exam in a stable manner. 2) Cisco Packet Tracer During your exam, you will not only get multiple choice questions and drag and drop items. But also, there will be a couple of questions to do few network configurations in a simulated environment. Cisco Packet Tracer is a network simulation tool to practice real-world Cisco networking experience on your computer without purchasing expensive lab equipment. Cisco Packet Tracer on Windows This is a free educational tool provided by Cisco. You can sign up for the Cisco Networking Academy (Netacad) and download a copy of the setup file of this tool. There are many sources to download Cisco CCNA labs for CCNA on the internet that can be used via Packet Tracer. Or you can buy the official Cisco CCNA 200-301 Lab eWorkbook and play around. 3) CCNA Certification Study Guide and Practice Tests Kit by Lammel & Buhagiar Another study material that is highly recommended for beginners who want to get the required knowledge from the basics in an easy to understand tone, is CCNA Certification Study Guide and Practice Tests Kit: Exam 200-301 by Tom Lammel and Jon Buhagiar. This is a very good study material if you have not studied any computer networking module at college before. Even Though you are a beginner or an expert in network engineering fundamentals, this book and its practicals can be beneficial for your CCNA exam success. 4) Online Courses on Udemy / Linkedin Learning You might be a person who likes to study by listening and watching videos or might be lazy to read a book with 1000+ pages. It's okay; technology has got you covered. If you like to go with video courses, the best options for CCNA training are Udemy and Linkedin Learning. There are many video course providers out there, but we can guarantee these two options without any hassle when it comes to the quality course content. They are CCNA courses of Udemy and Prepare for the Cisco CCNA (200-301): Learning Path on Linkedin Learning. Course instructors of these programs are really experienced. Especially, Linkedin Learning courses are created by top-notch professionals in the industry. Udemy courses are comparatively less expensive. But if you have the Linkedin learning subscription, studying on Linkedin Learning would be more cost-effective than Udemy. The above study materials are truly comprehensive resources for your CCNA study routine. But there are other options. Always double-check whether those options are good enough for spending your study time or sometimes investing your money. What matters is you are getting enough theory and practical knowledge to face the CCNA exam without any doubts. Once you pass the CCNA exam which is a 120 minutes computer-based test, you can request your printed CCNA certificate via the post. You will also get a verified CCNA batch through CClaim by Credly. CCNA Badge The certification is valid for three years, and before that, you can retake the CCNA and renew your certificate or climb up through the Cisco Certification ladder by selecting a path for your Cisco Certified Network Professional (CCNP) certification. Lesson 01 - Introduction to CCNA Security Lesson 02 - What is Network Security and why we need Network Security Lesson 03 - Primary Goals of Network Security Lesson 04 - Enterprise Risk Management - Key Definitions Lesson 05 - Network Threats and Countermeasures Lesson 06 - Types of Hackers and how hackers are classified Lesson 07 - Types of Network Attacks against Confidentiality, Integrity and Avilability Lesson 08 - Different Classes of Network attacks and how to defend them Lesson 09 - How Hackers attack networks and a Hacker's mindset Lesson 10 - How to provide better security to your enterprise network Lesson 11 - Disaster Recovery Business Continuity Plan Lesson 12 - Types of Backup - Full backup, Incremental backup, Differential backup and Copy backup Lesson 13 - Types of Backup Sites - Hot Site, Warm Site, Cold Site Lesson 14 - Business Data Classification Lesson 15 - Organizational Policies, Procedures, Standards and Guidelines Lesson 16 - Testing Enterprise Security Lesson 17 - Cisco Network Foundation Protection (NFP) Framework - Management plane, Control plane and Data plane Lesson 18 - Management Plane Protection - Cisco NFP (Network Foundation Protection) Lesson 19 - Control Plane Protection - Cisco NFP (Network Foundation Protection) Lesson 20 - Data Plane Protection - Cisco NFP (Network Foundation Protection) Lesson 21 - How to configure Cisco Router/Switch to enable SSH (Secure Shell) and How to connect Cisco Router/Switch using SSH (Secure Shell) Lesson 22 - How to install Cisco CCP and how to configure Cisco router for CCP Lesson 23 - How to install Cisco SDM and how to configure Cisco router for SDM Lesson 24 - Cisco Router/Switch Common Security Vulnerabilities and Router/Switch Hardening Lesson 25 - Security Audit and One-step lockdown using CCP Lesson 26 - Cisco IOS CLI Shell Pivilege levels, user EXEC mode and privilege EXEC modes Lesson 27 - How to configure multiple Privilege Levels Cisco IOS CLI Shell Lesson 28 - Strong Passwords and Password Encryption to protect Management Plane Lesson 28 - AAA Authentication Authorization and Accounting Lesson 30 - AAA RADIUS and TACACS+, Difference between RADIUS and TACACS+ Lesson 31 - Cisco ACS Secure Access Control System Products Lesson 32 - How to install Cisco ACS (Secure Access Control Server) 5.4 on VMware Workstation Lesson 33 - How to connect manage and configure Cisco ACS using web browser Lesson 34 - How to create and add an internal user in Cisco ACS Lesson 35 - How to create and add AAA clients (Network devices like Routers and Switches) in Cisco ACS Lesson 36 - What are AAA Method Lists and IOS commands for creating AAA Method Lists in Cisco Router or Switch Lesson 37 - Cisco Router/Switch AAA Login Authentication configuration using TACACS+ and RADIUS Protocols through IOS Commands Lesson 38 - Cisco Router/Switch AAA Login Authentication configuration using TACACS+ and RADIUS Protocols through CCP (Cisco Configuration Professional) Lesson 39 - Cisco Secure ACS Shell Profiles and Command sets, How to configure Shell Profiles and Command sets in ACS Lesson 40 - How to configure Cisco Routers and Switches with AAA Authorization and Accouting using TACACS+ protocol through IOS Commands Lesson 41 - Troubleshooting AAA using Debug Commands Lesson 42 - Parser Views - Role Based Access Control (RBAC) Lesson 43 - Introduction to Syslog in Cisco Routers and Switches Lesson 44 - How to install and configure Kiwi Syslog Server for Cisco Routers and Swiches Lesson 45 - How to use CCP to view Syslog messages stored in Cisco Router/Switch Memory Lesson 46 - What is SNMP (Simple Network Management Protocol) Lesson 47 - How to configure Cisco Router/Switch for SNMP through IOS CLI Lesson 48 - How to configure Cisco Router/Switch for SNMP through CCP Lesson 49 - Why Network Time Synchronization is important Lesson 50 - Introduction to NTP (Network Time Protocol), NTP Stratum Levels Lesson 51 - NTP (Network Time Protocol) Modes of Operation Lesson 52 - How to configure Cisco Routers and Switches to synchronize time using NTP through CCP Lesson 53 - How to configure Cisco Routers and Switches to synchronize time using NTP through IOS CLI Lesson 54 - Out-of-Band (OOB) Management of Network Devices Lesson 55 - Layer 2 Technologies - A revisit to VLAN and STP Lesson 56 - What is VLAN Hopping attack Lesson 57 - What is Switch spoofing attack and how to prevent Switch spoofing attack Lesson 58 - What is Double tagging attack and how to prevent Double tagging attack Lesson 59 - What is MAC flooding attack (CAM table flooding attack) and How to prevent MAC flooding attack Lesson 60 - How to prevent MAC flooding attacks by configuring switchport port-security Lesson 61 - How to enable an interface, after a Port Security violation related shutdown (Errdisable state) Lesson 62 - Root Guard, BPDU Guard and BPDU Filter Lesson 63 - What is Root Guard and how to configure Root Guard in Cisco Switches Lesson 64 - What is BPDU Guard and how to configure BPDU Guard in Cisco Switches Lesson 65 - What is BPDU Filter and how to configure BPDU Filter in Cisco Switches Lesson 66 - DHCP Starvation attacks and DHCP spoofing attacks Lesson 67 - How to configure DHCP Snooping Lesson 68 - ARP Spoofing attack Lesson 69 - Preventing ARP spoofing attacks with Dynamic ARP inspection (DAI) Lesson 70 - IP spoofing attacks and IP Source Guard (IPSG) Lesson 71 - What are PVLANs (Private VLANs) Lesson 72 - How to configure PVLANs (Private VLANs) Lesson 73 - Best Security practices to protect layer 2 Lesson 74 - Access Control Lists (ACLs) Lesson 75 - What is Cisco IOS Zone Based Firewall Lesson 76 - C3PL (Cisco Common Classification Policy Language), Class Map, Policy Map and Service Policy Lesson 77 - What are Zones and Zone Pairs Lesson 78 - How to configure Cisco IOS Zone Based Firewall Lesson 79 - Introduction to Cisco IPSec VPN Technologies Lesson 80 - How to configure Site-to-Site IPSec VPN using IKEv1 (Main Mode) using Pre-shared Key Authentication Lesson 81 - How-to-configure-Site-to-Site-IKEv2-IPsec-VPN-using-Pre-shared-Key-Authentication Incubating... coming soon... visit after some time... 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The companion CD includes the Sybex Test Engine, flashcards, and a PDF of the book.The CCNA Security certification is the first step toward Cisco's new CCSP and Cisco Certified Internetworking Engineer-SecurityDescribes security threats facing modern network infrastructures and how to mitigate threats to Cisco routers and networks using ACLsExplores implementing AAA on Cisco routers and secure network management and reportingShows how to implement Cisco IOS firewall and IPS feature sets plus site-to-site VPNs using SDMForeword by Todd Lammle bestselling study guide authorCD includes the Sybex Test Engine, flashcards, and the book in PDF formatWith hands-on labs and end-of-chapter reviews, CCNA Security Study Guide thoroughly prepares you for certification.