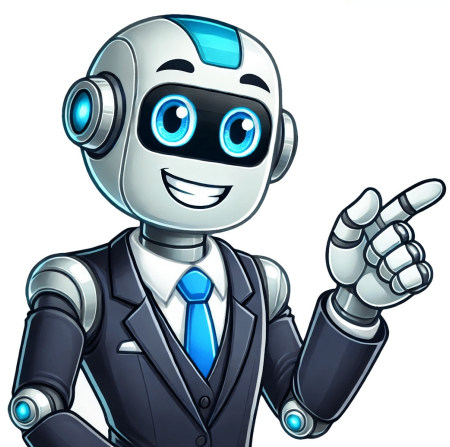


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Guide study comptia i plus

IT Certification and Training company Computing Technology Industry AssociationTrade nameCompTIA (January 1, 1982-present)FoundedJanuary 1, 1982; 43 years ago (1982-01-01)Headquarters3500 Lacey Road Suite 100 Downers Grove, IL 60515, U.S.Number of locationsUnited StatesArea servedGlobalProductsTechAmerica (2014-present)WebsiteOfficial website The Computing Technology Industry Association, more commonly known as CompTIA, is an American trade association that issues temporary vendor-neutral professional certifications for the information technology (IT) industry. All certifications issued by CompTIA expire 3 years after attainment, reissuance requires repurchase and retesting.[1] However, certifications issued prior to January 1, 2011 do not expire.[2] Almost all certifications have accreditation from the American National Standards Institute (ANSI) on dates valid from 2008 till 2028 available on the ANSI website.[3][4][5][6] IT Fundamentals+ (ITF+): covers foundational IT concepts, basic IT literacy, and terminology and concepts of the IT industry. It is considered the first step toward the A+ certification.[7] ITF+ will soon be replaced by Tech+. [8] Cloud Essentials: a pathway to the Cloud+ credential. The CompTIA A+ Logo The Network+ Logo used for certified programs, repair shops, contractors, and technicians A+: represents entry-level competency as a computer technician and covers various technologies and operating systems.[9] Cloud+: both cloud computing and virtualization. Maps to DOD 8570 Standards.[10] CySA+: Cybersecurity Analyst; The certification focuses on cyber-threat detection tools and analysis to identify vulnerabilities and risks. In January 2018, the certification was renamed from CSA+ to CySA+ as a result of a trademark dispute.[11] Data+: focuses on data mining, manipulating data, visualizing & reporting data, statistical methods, and governance. Linux+: A single exam known as XK0-004[12] that is renewable through the CE program.[13] the certification covers Linux operating systems, from their installation and use to the basics of applicable free software and open source licenses. Was formerly a two-part exam LX0-103 and LX0-104 in partnership with Linux Professional Institute.[14] Network+: used to measure skill as a network technician.[15] PenTest+: intermediate-level certification focusing on penetration testing, covers risk analysis, threat detection, and penetration testing and ethical hacking tools and methodologies.[16] Currently aligns with the DOD 8570 standard. Security+: security certification that builds off of the network security knowledge covered by the Network+ certification.[17] Server+: focuses on server-specific hardware and operating systems, IT environments, disaster recovery and business continuity.[18] Server+ had updates released in 2005, 2009, 2018, and 2021.[19] CompTIA Advanced Security Practitioner (CASP+) is the highest level certification in CompTIA's cybersecurity pathway after Security+, CySA+, and PenTest+. The CASP+ certification was accredited by the International Organization for Standardization (ISO) and the American National Standards Institute (ANSI) on December 13, 2011.[3] The CASP+ exam will certify that the successful candidate has the technical knowledge and skills required to conceptualize, design, and engineer secure solutions across complex enterprise environments. In March 2013, the U.S. Department of Defense approved the certification as a baseline certification accepted for Information Assurance Technical Level III, IS Manager Level II and IA Systems Architect and Engineer Levels I and II.[20] The name of CASP+ is being changed to SecurityX upon the release of exam version CAS-005 in December of 2024. [21] (Note: For A+ up through CASP+ one can renew or extend their certification by satisfying in these cases 20 to 75 CEUs a.k.a. "Continuing Education Units," over the three-year period.)[22] Project+: In 2001, CompTIA acquired the Project+ project management certification program from Gartner. The program, previously called "IT Project+", was updated in 2003.[23] [24] Certified Document Imaging Architect (CDIA+), is a certification for competency in document imaging, document management, and enterprise content management. Retired on December 1, 2017.[25] Healthcare IT Technician certification focused on IT in the healthcare industry and was aimed at IT professionals who install and maintain electronic health record systems. Retired on February 28, 2017.[26][27] Certified Technical Trainer (CTT+) certification is a vendor-neutral certification that is applicable to training professionals in all industries. Originally administered in 2001 through The Chauncey Institute, the CTT program was acquired by CompTIA and renamed as CTT+. It was created through a collaboration of the Information Technology Training Association, Inc. (ITTA) and the Computer Education Management Association (CedMA).[28] Retired on October 31, 2023, although anyone who had earned the CTT+ certification will remain certified after the retirement date. [29] In January 2018, CompTIA released stackable certifications:[30] Specialist CompTIA IT Operations Specialist (A+/Network+) CompTIA Systems Support Specialist (A+/Linux+) Professional CompTIA Cloud Admin Professional (Network+/Cloud+) CompTIA Network Infrastructure Professional (Network+/Server+) CompTIA Linux Network Professional (Network+/Linux+) Specialist CompTIA Secure Infrastructure Specialist (A+/Network+/Security+) Professional CompTIA Secure Cloud Professional (Security+/Cloud+) CompTIA Security Analytics Professional (Security+/CySA+) CompTIA Network Vulnerability Assessment Professional (Security+/PenTest+) CompTIA Network Security Professional (Security+/PenTest+/CySA+) Expert CompTIA Security Analytics Expert (Security+/CySA+/CASP+) CompTIA Security Infrastructure Expert (Security+/CySA+/PenTest+/CASP+) CompTIA offers trustmarks to businesses to certify their security capabilities and credentials. The CompTIA Security Trustmark+ is based on the NIST Cybersecurity Framework and demonstrates compliance with key industry regulations such as PCI-DSS, SSAE-16, HIPAA, and others reliant on the NIST Framework. It is based on a third-party assessment of security policies, procedures and operations. CompTIA offered additional trustmarks, a Managed Services Trustmark and Managed Print Trustmark, that were retired on Sept. 30, 2021.[31] CompTIA was created in 1982 as the Association of Better Computer Dealers (ABCD).[32] ABCD later changed its name to the Computing Technology Industry Association.[citation needed] In 2010, CompTIA moved its headquarters into a new office space in a facility in Downers Grove, Illinois.[33] By 2014, over one million people worldwide had earned A+ certification.[34] CompTIA established a 501(c)(3) nonprofit organization called Creating IT Futures.[35] The CompTIA portal moved to a hybrid version of the open-access model in April 2014 with exclusive content for dues-paying members.[36][37] The move expanded the organization's reach to engage a broader, more diverse set of members, and within a year, CompTIA's membership grew from 2,050 members to more than 50,000 in 2015.[38] Skillsboost, CompTIA's online resource for schools, was launched in June 2015. It contained resources for students, parents and teachers to promote the importance of computer skills.[39][40] CompTIA Vendor Summit is an annual conference exclusively for people attending ChannelCon that attempts to address issues within the IT industry.[41] CompTIA held its first annual ChannelCon Vendor Summit in 2015. By the close of 2016, the organization claimed to have more than 100,000 members worldwide.[citation needed] In January 2017, CompTIA launched an IT professional association built on its acquisition of the Association of Information Technology Professionals.[42][43] The organization releases industry studies to track industry trends and changes. Over 2.2 million people have earned CompTIA certifications since the association was established[44] and certifications are issued in over 120 countries. CompTIA administers its exams through Pearson VUE testing centers. CompTIA initially lobbied against the right to repair, claiming: "Hackers are constantly trying to break into a wide range of devices, including computers, servers, smartphones, and other industrial and consumer electronics. Any weakening of the current standards, including sharing sensitive diagnostic tools and proprietary hardware data, could expose customers to risk. Manufacturers also have strong concerns about unauthorized independent service providers who may take risks or cut corners and provide service without training or following safety standards." [45] "Additionally, manufacturers make significant investments in the development of products and services, and the protection of intellectual property is a legitimate and important aspect of sustaining the health of all industry, including third party software developers who rely upon the device's DRM to protect their software from hackers. However, the bill compromises the intellectual property that creators invested heavily in to develop." [45] CompTIA permanently stepped back from all lobbying activity related to right to repair legislation as of February 3, 2020. [46] Previously, CompTIA marketed its Bagship A+, Network+, and Security+ certifications as being valid for a lifetime. In January 2011, CompTIA changed the status of these certifications so that they would expire every three years. Under this proposal, certified individuals would have to re-certify for the exams or pay a yearly maintenance fee for a CEU (Continuing Education Units) system. CompTIA modified the guidelines so that only certificates received after January 1, 2011, would need to be renewed every three years and would require documented continuing education hours.[47] The un-expirable certificates, issued before 2011, are officially called Good-for-Life, updating the Good-for-Life certification with an expirable certification does not replace the Good-for-Life certification.[48] Strata Exam Computer repair technician List of computer security certifications ^ "Overview Continuing Education and Renewal f CompTIA IT Certifications". Default. Retrieved 2021-12-31. ^ CompTIA Good-for-Life Certifications, access date April 3, 2018. ^ a b "Computing Technology Industry Association (CompTIA)". www.ansi.org. Retrieved 2016-01-30. ^ Tara Seals (February 20, 2017). "CompTIA Unveils Cyberanalyst Certification". InfoSecurity. ^ Simon Quicke (February 20, 2017). "CompTIA extends security certification coverage". Computer Weekly. ^ Sara Barker (February 21, 2017). 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It will also assist you in preparation for the CompTIA A+ certification exam.After reading this text, you will be able to:Set up a computer workstation running Windows and use basic software applications.Understand the functions and types of devices used within a computer system.Apply basic computer maintenance and support principles.Understand some principles of software and database development.Configure computers and mobile devices to connect to home networks and to the internet.Identify security issues affecting the use of computers and networks.PrerequisitesCompTIA IT Fundamentals is aimed at those considering a career in IT and computer-related fields. There are no special prerequisites for you to meet to successfully start this course. Are you ready to learn? Start the path toward your certification with Study Guides from CompTIA today. Study Guides are available in ebook. Effective October 31, 2024, CompTIA will discontinue the sale of printed self-paced study guides. Please note that eBooks remain available for your learning needs The definitive Sybex guide to A+ certification, fully updated for the latest examsThe CompTIA A+ Complete Study Guide, Fourth Edition is your ultimate preparation guide for Exams 220-1001 and 220-1002. Covering 100 percent of the objectives for both exams, this book gets you up to speed on essential A+ knowledge and skills. Master the critical competencies associated with hardware and software, system maintenance, troubleshooting, connectivity, and more—with practical examples drawn from real-world experience, you'll develop the skill set employers demand in today's IT environment. End-of-chapter reviews help you gauge your progress and stay on track for success, while exam highlights give you a sneak preview of what to expect on the big day. You also get access to the Sybex online test bank, featuring electronic flashcards, a searchable glossary, and 4 practice exams to help you study from anywhere, any time—track your progress and test your understanding with interactive study tools.CompTIA A+ certification is the industry-leading standard for IT professionals. Hundreds of companies require their computer technicians to hold this valuable credential. Now in its fourth edition, this revised and updated study guide includes expanded coverage of virtualization and cloud computing, mobile hardware installation, network security, and more, to reflect the latest changes in the A+ exam. Providing all the information you need to earn your A+ certification, this invaluable resource will help you.Master the basics of hardware, software, and peripheralsUnderstand and troubleshoot network connectivity issuesInstall and configure Windows, iOS, Android, Apple OSX, and Linux operating systemsThe CompTIA A+ Complete Study Guide, Fourth Edition arms you with the tools and knowledge necessary to take your skills to the next level. Whether a first-time candidate or IT professional in need of recertification, this essential study guide will help you prepare, practice, and pass with minimal burden and maximum results. Last Updated on April 21, 2025 FREE CompTIA A+ Practice Test 2025 Official Study Guide. CompTIA A+ Certification Core 1 (220-1001) & Core 2 (220-1002) Course questions answers. Our CompTIA A+ Practice Test & Study Guide covers all the material needed for the CompTIA A+ Core 1 (220- 1001) and CompTIA A+ Core 2 (220-1002) exams. Modern PC technicians attain the CompTIA A+ certification, the essential credential that demonstrates competence in the contemporary field of information technology (IT), a term encompassing computing technology, as well as the skills required to connect and support computers. CompTIA A+ is an industry-wide, vendor-neutral certification program developed and sponsored by the Computing Technology Industry Association (CompTIA). CompTIA A+ Practice Test 2025 CompTIA splits A+ certification into two exams: CompTIA A+ 220-1001 and CompTIA A+ 220-1002. It's common to refer to these two as the "2019" exams, but CompTIA also now refers to them as Core 1 and Core 2. The 220-1002 exam builds on the first exam, concentrating on operating system support, advanced configuration, and troubleshooting scenarios. Both exams are efficient, with little or no interest in theory besides troubleshooting. All questions are multiple-choice, simulation, or "click on the right part of the picture" questions. The following is an example of the type of questions you will see on the exams: Question: Your laser printer is printing blank pages. Which item should you check first? A. Printer drivers B. Toner cartridge C. Printer settings D. Paper feed The correct answer is B, the toner cartridge. Note: CompTIA periodically updates its content, so it's essential to check the CompTIA website before final exam preparation. CompTIA A+ Certification Nearly every profession has criteria you must meet to show your competence and ability to perform at a certain level. Although this work varies widely from one profession to another, all of them will, at some point, make you take an exam or a series of exams. Passing these exams proves that you have the necessary skills to work at a certain level in your profession, whether you're an aspiring plumber, teacher, barber, or lawyer. If you successfully pass these exams, the organization that administers them grants you certification. You receive a piece of paper, a pin, or a membership card that you can show to potential clients or employers. This certification gives potential clients or employers confidence that they can rely on you to deliver what you promise. Without this certification, you will not find suitable work in that profession, and no one will trust you to do the job. You achieve this certification by taking two computer-based exams consisting of multiple-choice and performance-based questions. The tests cover what technicians should know after 12 months of hands-on work with personal computing devices, whether in a job or as a student in a lab. CompTIA A+ certification enjoys wide recognition throughout the computer industry. More than 1 million technicians have become CompTIA A+ certified, making it the most popular IT certification. CompTIA A+ is part of the CompTIA Core certifications. Many techs flow from A+ to the others in the Core before specializing. The Core consists of four certifications: CompTIA IT Fundamentals (ITF+) CompTIA A+ (1001 is called Core 1; 1002 is called Core 2) CompTIA Network+ CompTIA Security+ CompTIA refers to the A+ exams as the Core Series (Core 1 and Core 2) to distinguish between the two exams. To earn CompTIA A+ certification, you must pass both the CompTIA A+ Core 1 (220-1001) and CompTIA A+ Core 2 (220-1002) certification exams. CompTIA A+ Certification Core 1 (220-1001) Exam The questions on the CompTIA A+ 220-1001 exam fit into one of five domains. The number of questions for each domain is based on the percentages shown in the following table. IT Domain Percentage Breakdown SL No. Domain Percentage 1. Mobile Devices 15% 2. Networking 20% 3. Hardware 25% 4. Virtualization and Cloud Computing 11% 5. Hardware and Network Troubleshooting 29% CompTIA A+ Certification Core 2 (220-1002) Exam The CompTIA A+ 220-1002 exam covers four domains. This table lists the domains and the percentage of questions dedicated to each domain. IT Domain Coverage Percentages SL No. Domain Percentage 1. Operating Systems 31% 2. Security 25% 3. Software Troubleshooting 22% 4. Operational Procedures 22% Total 100% CompTIA A+ Study Guide CompTIA CertMaster Practice is an online knowledge assessment and training companion tool to help you prepare for your CompTIA certification exam. Featuring an adaptive question-first design, CertMaster Practice quickly assesses what you already know and still need to learn. For topics where you need additional support, CertMaster Practice offers personalized remediation and feedback. Once you're ready, you can demonstrate your knowledge on a timed practice test complete with performance-based questions. About CompTIA? CompTIA is a nonprofit industry trade association based in Oakbrook Terrace, Illinois. It has over 20,000 members in 102 countries, with offices located in diverse locales such as Amsterdam, Dubai, Johannesburg, Tokyo, and São Paulo. CompTIA provides a forum for individuals in these industries to network, represents the interests of its members to the government, and offers certifications for various aspects of the computer industry. CompTIA sponsors certifications such as CompTIA A+, CompTIA Network+, and CompTIA Security+. CompTIA's groups diligently to monitor the IT industry and continually seeks to provide new certifications to meet the ongoing demand from its membership. Check out the CompTIA website at www.comptia.org for details on the other certifications you can obtain from CompTIA.