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## Certificação linux Ipic-1 pdf

103.1 - Quotation marks, Type and Which 103.1 - Working with Shells(Shells, Sourcing and Special Characters) 103.2 - Tools for viewing compressed files 103.2 - Word processing(sort, nl, wc, expand, cut, paste, join, uniq, head, and tail) 103.2 - Word treatment (split, cat, od, pr, fmt, custom, more and less) 103.2 - Checksum 103.3 - Basic File Management (ls, cd, mkdir, file, touch, cp, mv and use of jokers) 103.3 - Basic File management (rmdir , rm e find) 103.3 - Basic File management (tar, dd, gzip, gunzip, bzip2 and xz) 103.4 - Working with data flows, conductors and redirects 103.5 - Look at command 103.5 - Create, monitor and end processes (job, bg, fg, &amp;., priority, nohup and screen) 103.5 - Create, monitor and finish processes (PID , ps, pstree, top, free, uptime, signals, kill, killall, pkill and pgrep 103.5 - Shell Window Manager: tmux 103.6 - Change Execution Priorities (nice and renice) 103.7 - Use of regular expressions (seized , egrep, fgrep and regular expressions) 103.8 - Emacs and Nano 103.8 - Working with We (add, remove, search, exchange, copy and paste text and execute external commands) 103.8 - Working with We (basic principles, mode of operation and navigation) Linux Professional Institute (LPI) is committed to the development of a global standard in Linux certification. We believe that this certification program should meet the requirements of IT professionals and organizations that would employ them. To achieve this goal, we have adopted an open, rigorous and consultative development process using voluntary and contracted resources. Our development process is generally recognized and approved and met the strict requirements of independent certification authorities. Essentials Professional Linux Open TechnologyEssentials certificates are designed for candidates who embark on an open source career or want to demonstrate their skills. The Linux Professional Institute Linux Essentials exam tests the candidate's ability to use a basic command-line editor and demonstrates an understanding of the processes, applications, and components of the Linux operating system. Prerequisites: There are no prerequisites for this certification. Requirements: Pass linux essentials 010 exam. The Linux Essentials exam contains 40 questions and should be completed in 60 minutes. Duration: Lifetime Linux Professional Track from Linux Professional Institute is designed to evaluate the knowledge and skills of Linux system administrators. To keep up with technology development, exam goals are updated on average every three years, and Linux Professional Institute certifications are valid for five years before you need to recertify or certify at a higher level. Although examinations can be carried out in any order, it is necessary to certifications before higher-level certifications can be granted. Linux Professional Institute LPIC-1 tests the ability to perform maintenance tasks with the command line, install and configure a computer running Linux, and be able to configure basic networks. Prerequisites: There are no prerequisites for this certification. Requirements: Passed tests 101 and 102. Each 90-minute exam consists of 60 multiple choice questions and is filled in empty. Duration: 5 years, unless a resumption or higher level is reached. Linux Professional Institute LPIC-2 tests the ability to administer small to medium mixed networks. Prerequisites: An active LPIC-1 certification. Requirements: Pass exams 201 and 202. Each 90-minute exam consists of 60 multiple choice questions and is filled in empty. Duration: 5 years, unless a higher level is resumed or achieved. Linux Professional Institute LPIC-3 Enterprise Mixed Environment tests the ability to integrate Linux services into a mixed environment across the enterprise. Prerequisites: An active LPIC-2 certification. Requirements: Passed test 300. The 90-minute test consists of 60 multiple choice questions and filled in blank. Duration: 5 years Linux Professional Institute LPIC-3 Enterprise Security tests the ability to protect and strengthen Linux-based servers, services and networks across the enterprise. Prerequisites: An active LPIC-2 certification. Requirements: Passed test 303. The 90-minute exam is 60 multiple choice and fills in blank questions. Duration: 5 years Virtual Professional LPIC-3 from Linux Professional Institute tests the ability to plan and implement high-availability enterprise-based virtualization and configurations using Linux-based technologies. Prerequisites: An active LPIC-2 certification. Requirements: Passed test 304. The 90-minute exam is 60 multiple choice and fills in blank questions. Validity: 5 years Professional open technology certifications are designed to assess knowledge and skills in open technology tools such as DevOps tools and BSD specialist. To keep up with changing technologies, open technology exam goals are updated on average every three years, and certifications are valid for five years before you need to recertify or certify at a higher level. For Open Technology certifications, the only exam is awarded with certification and there are no prerequisites for exams. The DevOps Tools-certified engineer must have hands-on knowledge of DevOps-related domains such as software engineering and architecture, container and machine deployment, configuration management, and monitoring. Prerequisites: There are no prerequisites for this certification. However we strongly recommend additional certification within the applicant's primary area of expertise, such as LPIC-1 or developer certification. Requirements: Passed test 701. The 90-minute test consists of 60 multiple choice questions and empty fill-in questions. Validity: 5 years BSD Specialist certificate requires approval in a single degree. This exam tests skills in the administration of FreeBSD, NetBSD and OpenBSD systems. The coverage of the three main BSD systems ensures that the certification holder is comfortable working in BSD-based environments of any kind. Prerequisites: There are no prerequisites for this certification. However, it is strongly recommended that a candidate has more than one year of experience in administering BSD systems of various kinds. Requirements: Passed test 702. The 90-minute test consists of 60 multiple choice questions and empty fill-in questions. Validity: 5 years Essentials Professional Linux Open Technology Every professional has their preferences when studying for certain subjects, some do not open books, others only study with what they find for free on the Internet and others make a point of a course, face to face or online. The good news is that it is possible to study in any of these ways for LPIC-1. Internet Material With the official program in hand, you can find several sources of study with a simple question on Google, from specialized websites, videos on YouTube or even downloads of material. The problem is that often these materials over the Internet are disorganized or even obsolete, remember that from time to time LPI updates what is charged in each evidence. Thus, it is important that the student searches on the official LPI website of the current program for each test, and ensures that each of them is studied and practiced. LPI books Another form of study is books specializing in this certification. It is possible to find good books in English and also in Portuguese that cover all the contents of the exams. Some examples worth assaying are: LPI-1 Certification – Linux PRO Collection, Luciano Antônio Siqueira Linux Certification LPIC-1, Daniel Moreno LPIC–1 Linux Professional Institute Certification Study Guide, Christine Bresnahan and Richard Blum (in English) Finally we have courses that can be both face-to-face and online and it depends a lot on the student's preferences. Partly in face-to-face course, the student has direct contact with the instructor and other students and too much is important in the learning process, on the other hand it is difficult to commute and costs are usually higher. In the online course, the student has more freedom and can take classes wherever he wants, when and as many times as he wishes, the course stops becoming a consultation material, in the same way as a book. Online courses also typically have a cost compared to face-to-face courses. The best courses still have interaction tools between students and instructors, and are possible to ask questions at any time. On the Udemy platform we have the LPIC-1 Linux Certification Preparatory Course, see more details in the link. Link.