RED HAT LINUX ADMIN GUIDE pdf

1: RHEL5 Administration - Red Hat Enterprise Linux 5

The System Administrator's Guide documents relevant information regarding the deployment, configuration and administration of Red Hat Enterprise Linux 4. It is oriented towards system administrators with a basic understanding of the system.

Unlike other Linux distributions which are free to download, install and use, RHEL can be downloaded and used, with the exception the day evaluation version, only if you buy a subscription. In this tutorial will take a look on how you can install the latest release of RHEL 7. The proper special key needed for this configuration can be obtained by consulting your motherboard vendor manual. First, download and burn RHEL 7. Once the installation media is detected it will boot-up in RHEL grub menu. From here select Install red hat Enterprise Linux 7. The next screen appearing will take you to the welcome screen of RHEL 7. The next screen that will appear contains a summary of all the items you will need to setup for the installation of RHEL. Hit on the upper Done button to save the configuration and proceed further with configuring the system. On the next step, configure your system keyboard layout and the and hit on Done button again to go back to the main installer menu. Configure Keyboard Layout 5. Next, select the language support for your system and hit Done button to move to the next step. Choose Language Support 6. Because RHEL is a Linux distribution inclined to be used mostly for servers, the Minimal Installation item is the perfect choice for a system administrator. This type of installation is the most recommended in a production environment because only the minimal software required to properly run the OS will be installed. This also means a high degree of security and flexibility and a small size footprint on your machine hard drive. All other environments and add-ons listed here can be easily installed afterwards from command line by buying a subscription or by using the DVD image as a source. In case you want to install one of the pre-configured server base environments, such as Web Server, File and Print Server, Infrastructure Server, Virtualization Host or Server with a Graphical User Interface, just check the preferred item, choose Add-ons from the right plane and hit on Done button finish this step. On the next step hit on Installation Destination item in order to select the device drive where the required partitions, file system and mount points will be created for your system. The safest method would be to let the installer automatically configure hard disk partitions. Keep in mind that if the installation process was started and performed from UEFI firmware, the partition table of the hard disk would be GPT style. Anyway, in this tutorial we recommend that you choose to automatically configure partitioning and hit on Done button to move on. Next, disable Kdump service and move to network configuration item. Disable Kdump Feature In Network and Hostname item, setup and apply your machine host name using a descriptive name and enable the network interface by dragging the Ethernet switch button to ON position. Configure Network Hostname To statically setup the network interface click on the Configure button and manually configure the IP settings as illustrated on the below screenshot. When you finish setting-up the network interface IP addresses, hit on Save button, then turn OFF and ON the network interface in order to apply changes. Finally, click on Done button to return to the main installation screen. Configure Network IP Address Finally, the last item you need to configure from this menu is a Security Policy profile. Select and apply the Default security policy and hit on Done to go back to the main menu. Review all your installation items and hit on Begin Installation button in order to start the installation process. Once the installation process has been started you cannot revert changes. During the installation process the User Settings screen will appear on your monitor. First, hit on Root Password item and choose a strong password for the root account. Finally, create a new user and grant the user with root privileges by checking Make this user administrator. Choose a strong password for this user, hit on Done button to return to the User Settings menu and wait for the installation process to finish.

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2: Red Hat Certified System Administrator (RHCSA) exam - EX

The System Administrator's Guide documents relevant information regarding the deployment, configuration, and administration of Red Hat Enterprise Linux 7. It is oriented towards system administrators with a basic understanding of the system.

Installing and using virtualized systems Reviewing the system log files and journal Audience for this course IT professionals across a broad range of disciplines who need to perform essential Linux administration tasks including installation, establishing network connectivity, managing physical storage, and basic security administration. Outline for this course Log in to a Linux system and run simple commands using the shell. Copy, move, create, delete, and organize files from the bash shell prompt. Resolve problems by using online help systems and Red Hat support utilities. Create, view, and edit text files from command output or in an editor. Manage local Linux users and groups, and administer local password policies. Set Linux file system permissions on files and interpret the security effects of different permission settings. Obtain information about the system, and control processes running on it. Control and monitor network services and system daemons using systemd Access and provide access to the command line on remote systems securely using OpenSSH Locate and accurately interpret relevant system log files for troubleshooting purposes. Archive files and copy them from one system to another. Download, install, update, and manage software packages from Red Hat and yum package repositories. Access and inspect existing file systems on a Red Hat Enterprise Linux system. Practice and demonstrate the knowledge and skills learned in this course. Impact of this training Impact on the organization This course develops the skills needed for basic administration and configuration of Red Hat Enterprise Linux RHEL , introducing key command-line concepts and enterprise-level tools and laying the foundation for the rapid deployment of RHEL. RH also introduces the basic administration skills needed for resolving configuration issues and integrating RHEL systems with other existing environments. The course helps establish secure user and group administration and develops skills that allow administrators to use available storage solutions more efficiently and securely. RH is the first of a two-course series that turns a computer professional unfamiliar with Linux into a fully capable Linux administrator. Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary. Impact on the individual After attending this course, you should be able to perform essential Linux administration tasks, including installation, establishing network connectivity, managing physical storage, and basic security administration. You should be able to demonstrate these skills: Access the command line Manage files from command line Create, view, and edit text files Manage local Linux users and groups Monitor and manage Linux processes Control services and daemons Control access to files with Linux file-system permissions Analyze and store log files Configure and secure the OpenSSH service Install and update software packages Access Linux file systems.

3: LiNUX Courses - Red Hat Certified Systems Administrator - RHCSA (EX) Exam Prep

Red Hat Enterprise Linux 7 System Administrator's Guide Deployment, Configuration, and Administration of Red Hat Enterprise Linux 7 Marie Doleželová.

The skills tested in this exam are the foundation for system administration across all Red Hat products. Objectives Study points for the exam Red Hat reserves the right to add, modify, and remove objectives. Such changes will be made public in advance through revisions to this document. RHCSA exam candidates should be able to accomplish the tasks below without assistance. These have been grouped into several categories. What you need to know Red Hat encourages all candidates for RHCSA to consider taking one or more of its official training courses to help prepare. Attendance in these classes is not required, and one can choose to take just an exam. Many successful candidates who have come to class already possessing substantial skills and knowledge report that the class made a positive difference for them. To help you determine the best courses to take, Red Hat provides an online skills assessment. Previous experience, practice, and native aptitude are also important determinants of success. Red Hat does not endorse any as preparation guides for any exams. Nevertheless, candidates may find additional reading deepens understanding and can prove helpful. Candidates perform a number of routine system administration tasks and are evaluated on whether they have met specific objective criteria. Performance-based testing means that candidates must perform tasks similar to what they must perform on the job. Internet access is not provided during the exam. Outside materials are not permitted. Documentation that ships with Red Hat Enterprise Linux is available during the exam. Red Hat reserves the right to make changes to format, including timing and the policies above. Red Hat does not authorize examiners or training partners to report results to candidates directly. Scores on the exam are usually reported within 3 U. Exam results are reported as section scores. Red Hat does not report performance on individual items, nor will it provide additional information upon request. For Windows system administrators.

4: Red Hat Certified System Administrator - RHCSA

Compiled by Red Hat's own documentation team and reviewed by a Red Hat qualified technical expert, this comprehensive, authoritative guide delivers all the know-how you need to manage Linux networks and systems, troubleshoot problems, and provide optimum client service.

5: Red Hat Enterprise Linux

Red Hat ® Enterprise Linux® 6 Administration Real World Skills for Red Hat Administrators Sander van Vugt D ownload from Wow! eBook.

6: Installation of Red Hat Enterprise Linux (RHEL) Guide

Abstract. This Deployment Guide documents relevant information regarding the deployment, configuration and administration of Red Hat Enterprise Linux 5.

7: 60 Commands of Linux : A Guide from Newbies to System Administrator

Red Hat System Administration I provides a foundation for students wishing to become full-time Linux system administrators by introducing key command line concepts and other enterprise-level tools. These concepts are further developed in the follow-on course, Red Hat System Administration II (RH).

8: BEGINNER'S GUIDE FOR LINUX - Start Learning Linux in Minutes

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Writing this article and the list of command that needs to go with the article was a little cumbersome. We chose 20 commands with each article and hence gave a lot of thought for which command should be included and which should be excluded from the particular post.

9: Red Hat Certification Guide: Overview and Career Paths

In a guide like this one there are likely to be at least some minor inaccuracies. And there are almost certainly going to be sections that become out of date from time to time.

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