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| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Task Webmin, EXTEND DISK , Allow port 24.08.22** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |

|  |  |  |
| --- | --- | --- |
| **#** | **Task names** | **Command steps and outputs** |
| **1** |  |  |
| **2** | 1. **Check status of firewall and take screenshot of the CLI output.** 2. **If firewall is not installed left it as have.** 3. **Give permanent SSH access from.** 4. **SSH virtual port is 22. If SSH server is not installed, please install it.** 5. **To be check connectivity use commands.** 6. **Update the system and application.** | **For instance: start**, **stop**, **enable**, **disable, status**  *# firewall-cmd –state*  #*ping x.x.x.x*  *#telnet x.x.x.x 22*  *#sudo apt-get update* |
|  | In the terminal, run the following command to update the package list: | *#***sudo apt update** |
|  | Install the update packages with: | *#****sudo apt upgrade*** |
|  | 1. Install dependency packages to help you manage software repositories by using | **#sudo apt install software-properties-common apt-transport-https** |
|  | Enable Webmin Repository | **#sudo wget -q http://www.webmin.com/jcameron-key.asc -O- | sudo apt-key add -** |
|  | 1. Manually add the Webmin repository using: | **#sudo add-apt-repository "deb [arch=amd64] http://download.webmin.com/download/repository sarge contrib"** |
|  | Install Webmin on Ubuntu | **#sudo apt install webmin** |
|  | Once the installation is complete, check the status of the Webmin service: | **#sudo systemctl status webmin** |
|  | 1. Another method to confirm the installation is successful is to check the installed version of Webmin: | **#dpkg -l | grep webmin** |
|  | Configure the Firewall | **#sudo ufw allow 10000/tcp**  **#sudo ufw reload**  **#sudo ufw status** |
|  | Access Webmin on Ubuntu | **#sudo /usr/share/webmin/changepass.pl /etc/webmin root [new password]** |
|  | 1. Open your Internet browser and enter the following as a web address using your server's IP: | **https://[your server's IP]:10000/** |
|  | 1. To get through this page, click **Advanced...**, then **Accept the Risk and Continue**. |  |
|  | 1. Log in using the default username **root** and the password you set up. |  |
|  | 1. First add new partition disk 1GB on vmware then go webmin , Go to partitions and create partition table |  |
|  | 1. Extent disk here |  |
|  |  |  |
|  | Next task:  ***Open 888 virtual port on firewal of linux using webmin (testing open vp using cli on mobaxterm)*** |  |
|  | To add , open ports you need to install firewalld on ubuntu <https://www.cyberithub.com/how-to-install-firewalld-on-ubuntu-20-04-lts-focal-fossa/> | # apt update  #apt install firewalld |
|  | ****Verify Installation**** | # dpkg -L firewalld  # firewall-cmd --version |
|  | ****Check Service Status**** | #systemctl status firewalld |
|  | ****Enable Firewalld Service**** | # systemctl enable firewalld |
|  | ****List All Zones**** You can check all the available zones by using firewall-cmd --list-all-zones command as shown below. | # firewall-cmd --list-all-zones |
|  | ****List All Services under a Zone**** | # firewall-cmd --zone=public --list-services |
|  | ****Go to FirewallD**** ****Open a Port (in webmin)****   1. Add allowed port |  |
|  | 1. WRITE port for example (888) |  |
|  | 1. Save |  |
|  | 1. Restart firewalld | # systemctl restart firewalld |
|  | ****List All Open Ports****  1. We SEE here 888 port which opened by us | # firewall-cmd --list-ports |
|  | 1. *THAT IS ALL we done)* |  |