* **Question 1**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What are two examples of Local Terminals? (Choose two) |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | Correct  keyboard and a screen | |  | Correct  Serial port for Console | | Correct Answers: | Correct  keyboard and a screen | |  | Correct  Serial port for Console | |  |  |  |

* **Question 2**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is a console? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Console is the hardware device that is used to run the terminal. Generally can be a screen and keyboard. | | Correct Answer: | Correct  Console is the hardware device that is used to run the terminal. Generally can be a screen and keyboard. | |  |  |  |

* **Question 3**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is a terminal? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Terminal is text only input and output | | Correct Answer: | Correct  Terminal is text only input and output | |  |  |  |

* **Question 4**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What describes the term "login shell"? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  is the shell program that runs by default when at user logs into a system | | Correct Answer: | Correct  is the shell program that runs by default when at user logs into a system | |  |  |  |

* **Question 5**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Which one of these communications protocols are encrypted? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  SSH | | Correct Answer: | Correct  SSH | |  |  |  |

* **Question 6**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | You are navigating your /etc/ folder on your Ubuntu Server and come across an unfamiliar configuration file, which was created recently. What is a simple method of determining which program this configuration file may belong to? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  Look in the registry to see if there is any program with similar sounding name to the configuration file | | Correct Answer: | Correct  Use the package management software that comes with Ubuntu. In this case use dpkg -S *File\_Name* | |  |  |  |

* **Question 7**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What does this command do?  sudo apt update |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  It updates the local package index | | Correct Answer: | Correct  It updates the local package index | |  |  |  |

* **Question 8**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | You have been informed that there is a critical privilege escalation bug affecting your Ubuntu Servers. The updates that patches this vulnerability has been released last month and is already available. How do you go about updating your servers? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  sudo apt update && sudo apt upgrade | | Correct Answer: | Correct  sudo apt update && sudo apt upgrade | |  |  |  |

* **Question 9**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What command can be used to review all available network hardware and their vendor? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  lshw -C network | | Correct Answer: | Correct  lshw -C network | |  |  |  |

* **Question 10**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | Vendor's hardware installation team has installed an HPE MSA 2040 SAN storage device (MSA) in the same rack as your Linux server. As per your request they have connected a crossover network cable directly from the storage device management network port to an available network port on your server (device name enp4s0 in your Linux system).  According to the manufacturer's documentation the default IP address for the management port is set to the following:  IP address 10.0.0.2  Subnet Mask: 255.255.255.0  Gateway IP address: 10.0.0.1  Since the Network Operations Center (NOC) has not given you the IP address space you need yet, you have decided to keep the factory configuration on the MSA until you get correct IPs and switch ports from NOC.  What command do you type in order to configure your network port ( enp4s0 ) on the Linux system as the gateway for the MSA management port and establish direct communications with the device from your Linux box?  Fill in the blank by providing the words that completes the command below to set static IP address for the interface:  sudo ip \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  (each \_\_\_\_ indicates one argument or option)(case sensitive) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect link set enp4s0 up | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | addr add 10.0.0.1/24 dev enp4s0 | *Case Sensitive* | | Correct*Exact Match* | address add 10.0.0.1/24 dev enp4s0 | *Case Sensitive* |  |  | | --- | |  | |  |  |  |

* **Question 11**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | You have been given a netplan YAML configuration file that a network administrator has prepared for your customer’s server with vlan configurations prepared for several virtual machines that the server will be hosting. You are to configure Linux using the provided configuration file.  You simply copy the file to /etc/netplan and run sudo netplan apply. You run ip addr show and find out the addresses are not applied. You start to investigate.  Here is partial the output for your ip addr show command: 8: eth7: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc fq\_codel state UP group default qlen 1000     link/ether 00:0c:29:98:25:23 brd ff:ff:ff:ff:ff:ff  Here is a partial text from the netplan configuration file given to you: ethernets: …     ens33:         dhcp4: true     ens38:         addresses:             - 192.168.0.10/24         gateway4: 192.168.0.1         mtu: 1480 … What could be the problem and how can it be fixed? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  The name of the interfaces in the netplan configuration file are not matching the actual interface names in the system. Modify the file and correct the names for all interfaces. | | Correct Answer: | Correct  The name of the interfaces in the netplan configuration file are not matching the actual interface names in the system. Modify the file and correct the names for all interfaces. | |  |  |  |

* **Question 12**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | How to see the list of all supported network protocols in your Linux OS? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  review /etc/protocols file | | Correct Answer: | Correct  review /etc/protocols file | |  |  |  |

* **Question 13**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The link on your Ethernet adapter is not active. what is the IP command to alter the status of the interface and set the link to up. The name of the interface is eth1. Complete the provided command (each \_\_\_ indicates one argument or option) (case sensitive)  user@host ~: sudo ip \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct link set eth1 up | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | link set eth1 up | *Case Sensitive* |  |  | | --- | |  | |  |  |  |

* **Question 14**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Here is a sample output of a command. Which command produced this output?   |  | | --- | | Filesystem      Size  Used Avail Use% Mounted on udev            906M     0  906M   0% /dev tmpfs           190M  1.3M  189M   1% /run /dev/sda2        16G  5.5G  9.4G  37% / tmpfs           948M     0  948M   0% /dev/shm tmpfs           5.0M     0  5.0M   0% /run/lock tmpfs           948M     0  948M   0% /sys/fs/cgroup /dev/loop0       55M   55M     0 100% /snap/core18/1705 /dev/loop1       70M   70M     0 100% /snap/lxd/15457 /dev/loop2       31M   31M     0 100% /snap/snapd/7777 /dev/loop3       55M   55M     0 100% /snap/core18/1754 /dev/loop4       30M   30M     0 100% /snap/snapd/8140 /dev/loop5       72M   72M     0 100% /snap/lxd/15564 tmpfs           190M     0  190M   0% /run/user/1000 | |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  df -h | | Correct Answer: | Correct  df -h | |  |  |  |

* **Question 15**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Here is a sample output of a command. Which command produced the output?   |  | | --- | | Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub Bus 002 Device 004: ID 046d:c227 Logitech, Inc. G15 Refresh Keyboard Bus 002 Device 003: ID 0e0f:0002 VMware, Inc. Virtual USB Hub Bus 002 Device 002: ID 0e0f:0003 VMware, Inc. Virtual Mouse Bus 002 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub | |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  lsusb | | Correct Answer: | Correct  lsusb | |  |  |  |

* **Question 16**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Here is a sample output. Which command will produce this output?   |  | | --- | | NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT loop0    7:0    0   55M  1 loop /snap/core18/1705 loop1    7:1    0 69.3M  1 loop /snap/lxd/15457 loop2    7:2    0 30.3M  1 loop /snap/snapd/7777 loop3    7:3    0   55M  1 loop /snap/core18/1754 loop4    7:4    0 29.8M  1 loop /snap/snapd/8140 loop5    7:5    0 71.2M  1 loop /snap/lxd/15564 sda      8:0    0   16G  0 disk ├─sda1   8:1    0    1M  0 part └─sda2   8:2    0   16G  0 part / sr0     11:0    1 1024M  0 rom | |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  lsblk | | Correct Answer: | Correct  lsblk | |  |  |  |

* **Question 17**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | While I was doing maintenance work on my Minecraft Bedrock edition server I decided to delete some of the old backups and make a current backup of the Minecraft world to a network location. I issued the following commands:  $ cd /srv/minecraft/be/server1  $ sudo rm -r backup/ \*  $ cp worlds /mount/nas1/minecraft\_backup  cp: cannot stat 'worlds': No such file or directory  what just happened? (note: this is a true story) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  The problem is due to typo in rm command, you just removed everything by mistake | | Correct Answer: | Correct  The problem is due to typo in rm command, you just removed everything by mistake | |  |  |  |

* **Question 18**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is the meaning of special character "?" in bash? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Matches any single character | | Correct Answer: | Correct  Matches any single character | |  |  |  |

* **Question 19**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is the output of the following command?  user@system1:~$: echo "Hello, "\$NAME" and welcome!" |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Hello, $NAME and welcome! | | Correct Answer: | Correct  Hello, $NAME and welcome! | |  |  |  |

* **Question 20**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Which command will effectively remove the "My Documents" file as shown the the sample output of "ls -l" as follows:  drw-rw-r-- 1 root root        0 Jun 22 14:32  'My Documents' |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  sudo rm -r My\ Documents/ | | Correct Answer: | Correct  sudo rm -r My\ Documents/ | |  |  |  |

* **Question 21**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What does the following command accomplishes?  ls \*id > /home/user1/sorted |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  It lists files ending with "id", sending the output to the file " /home/user1/sorted", creating it if it does not exists. | | Correct Answer: | Correct  It lists files ending with "id", sending the output to the file " /home/user1/sorted", creating it if it does not exists. | |  |  |  |

* **Question 22**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is the meaning of special character "~" in bash? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Represents the user home directory | | Correct Answer: | Correct  Represents the user home directory | |  |  |  |

* **Question 23**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Refer to the sample output below:  user@system1:~/directory$: ls -la  drwxrwxr-x 2 user user  4096 Jun  4 15:52 . drwxrwx--- 4 user user 36864 Jun  4 15:52 .. -rw-rw-r-- 1 user user     0 Jun  4 15:52 somefile  What is the meaning on the first line named with the "."? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  It refers to "this" directory. | | Correct Answer: | Correct  It refers to "this" directory. | |  |  |  |

* **Question 24**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is a sample output of the following command:  echo \$PATH |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  $PATH | | Correct Answer: | Correct  $PATH | |  |  |  |

* **Question 25**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is the difference between these two commands?  man passwd  man 5 passwd |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  man 5 passwd is the man page about the file formats and conversions from chapter 5, while man passwd is the manpages about the passwd command from chapter 1 | | Correct Answer: | Correct  man 5 passwd is the man page about the file formats and conversions from chapter 5, while man passwd is the manpages about the passwd command from chapter 1 | |  |  |  |

* **Question 26**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Refer to the sample output below:  user@system1:~/directory$: ls -la  drwxrwxr-x 2 user user  4096 Jun  4 15:52 . drwxrwx--- 4 user user 36864 Jun  4 15:52 .. -rw-rw-r-- 1 user user     0 Jun  4 15:52 somefile  What is the meaning on the first line named with the ".."? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  it refers to one directory above that contains this directory. | | Correct Answer: | Correct  it refers to one directory above that contains this directory. | |  |  |  |

* **Question 27**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is meaning of special character "\*" in bash? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Matches zero or more characters | | Correct Answer: | Correct  Matches zero or more characters | |  |  |  |

* **Question 28**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is a Linux Distro? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Linux kernel, bundled with various other utilities and software | | Correct Answer: | Correct  Linux kernel, bundled with various other utilities and software | |  |  |  |

* **Question 29**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What package manager is used by OpenSuse and Suse Enterprise Linux? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  RPM and Zypp | | Correct Answer: | Correct  RPM and Zypp | |  |  |  |

* **Question 30**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | What is the correct technical term for any Linux distribution? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  GNU/Linux Operating System | | Correct Answer: | Correct  GNU/Linux Operating System | |  |  |  |