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Introduction to Linux II – Chapter 15 Exam Answers 2019 + PDF file

1. **The _____ command used to disable a network interface is identical to _____.**

   - ifdown eth0, ifconfig –down eth0
   - ifdown eth0, ip eth0 down
   - ifdown eth0, ifconfig eth0 up
   - ifdown eth0**,** ifconfig eth0 down

2. **Which command is used to assign a netmask to *eth1*?**

   - ifconfig eth1 submask 255.255.255.224
   - ifconfig eth1 –net-mask 255.255.255.224
   - ifconfig eth1 netmask 255.255.255.*
   - ifconfig eth1 netmask 255.255.255.224

3. **The *eth0 NIC* has been mapped to two IP addresses. This is known as:**

   - **IP aliasing**
   - IP replicating
   - IP mapping
   - IP routing

4. **Which of the following is not shown in the output of the** ifconfig **command?**

   - Packets received
   - **TTL**
   - Packets transmitted
   - Packets dropped

5. **The IP address of your host is *192.168.10.16*. In order to connect to another host with the IP address of *192.86.74.16*, your router will have to be connected to the subnets:**

   - *192.168.10.0* and *255.255.255.0*
   - *192.168.1.1* and *192.86.74.0*
   - ***192.168.10.0* and *192.86.74.0***
   - *255.255.255.0* and *192.86.74.0*

6. **Which file will be used to enable DHCP based configuration on Red Hat based systems?**

   - */etc/sysconfig/network-scripts/ifconfig-eth0*
   - */etc/network-scripts/ifcfg-eth0*
   - ***/etc/sysconfig/network-scripts/ifcfg-eth0***

- *▪ /etc/sysconfig/network-scripts/eth0*

7. **You ping a host, which is currently not reachable because of some maintenance activity. You now try to add a route via this host since it will be available shortly. What will be the output of** route add **in this scenario?**
   - ▪ **The route will be ignored and an error will be shown**
   - ▪ The route will be ignored without any error
   - ▪ The route will be added with a warning
   - ▪ The route addition will be completed

8. **The _____ file is read at boot time on Red Hat based systems to set the host name.**
   - *▪ /etc/network/sysconfig*
   - *▪ /etc/sys/config*
   - *▪ **/etc/sysconfig/network***
   - *▪ /etc/sys/network*

9. **Which API is used to query address information from the Name Service Switch (NSS) resolver?**
   - *▪ getaddrent()*
   - *▪ **getaddrinfo()***
   - *▪ gethostinfo()*
   - *▪ getaddrfields()*

10. **How is the DNS configuration file */etc/resolv.conf* setup?**
    - ▪ By the ifconfig utility
    - ▪ Default values provided during installation
    - ▪ Downloaded from Internet
    - ▪ **By network initialization scripts**

11. **What type of interface is a network interface card?**
    - ▪ Software interface
    - ▪ **Hardware interface**
    - ▪ Physical interface
    - ▪ Proxy interface

12. **Which file contains host and routing details of all configured network interfaces for Red Hat based systems?**
    - *▪ /etc/sysconfig*
    - *▪ /etc/sys/network*
    - *▪ /etc/network*
    - *▪ **/etc/sysconfig/network***

13. **The view only options of the** ifconfig **command need root privileges.**

   True or False?

   - True
   - **False**

14. **Which command is used to find the netmask of *eth0* interface?**

   - ifconfig eth0
   - ifconfig –A
   - ifconfig –eth0
   - ifconfig –netmask eth0

15. **The** ifup **command can read interface definitions from a file other than the default file.**

   True or False?

   - **True**
   - False

16. **The routing table shows an entry with *genmask 0.0.0.0*, this indicates the _____.**

   - Default Host
   - **Default Route**
   - Default Subnet Mask
   - Default Name Server

17. **Which command is used to setup broadcast addresses for a network interface?**

   - ifconfig
   - ifup
   - route
   - traceroute

18. **Which file is referred to on systems where DNS is not set up?**

   - */etc/host-config*
   - */etc/resolv.conf*
   - */etc/network-hosts*
   - ***/etc/hosts***

19. **Which configuration file is referred to for DNS resolution?**

   - */etc/dns.conf*
   - */etc/names.conf*
   - ***/etc/resolv.conf***
   - */etc/hosts*

20. **The kernel's routing table contains static and dynamic routes.**

   True or False?

   - True

- **False**

21. **Which command is used to delete entries from the routing table?**

    - route --del
    - route del
    - route rm
    - route down

22. **Which of the information listed below is not shown by the** ping **command?**

    - TTL
    - **Route to the destination**
    - Round-trip Time
    - Packet Loss

23. **You want to switch the NIC cards of two servers currently in use. Which command will be used to disable the interfaces for this activity?**

    - ifdown
    - nicdown
    - route down
    - ip down

24. **The** ifdown **command can be used to disable all configured network interfaces. True or False?**

    - **True**
    - False

25. **The _____ command is used to view the fully qualified domain name of the host.**

    - hostname
    - cat /etc/hosts
    - **hostname –f**
    - uname

26. **Which of the configuration directives given below is not found in the */etc/resolv.conf* file?**

    - *domain*
    - *sortlist*
    - *nameserver*
    - ***parameters***

27. **Which file is referred to by the Name Service Switch (NSS) resolver?**

    - */etc/resolv.conf*
    - */etc/hosts*
    - ***/etc/nsswitch.conf***

- *   */etc/nssconfig.conf*
28. **The */etc/nsswitch.conf* file defines the order in which DNS and the */etc/hosts* file are queried for host name information.**
    True or False?
    - *   **True**
    - *   False
29. **Which command can you use to block packets to a specific host?**
    - *   route reject
    - *   route block
    - *   route add with reject option
    - *   route del