

[Updated Constantly]

HERE

[Introduction to Linux II – Chapter 16 Exam Answers 2019 + PDF file](#)

1. One of the NICs on the server corresponding to *eth1* has a hardware issue and needs to be removed. It is NOT necessary to restart the network service for this.
True or False?
 - True
 - **False**
2. Which command is used to restart the network service on Red Hat systems?
 - `/etc/init.d/network resume`
 - `/etc/init.d/rc.d/network restart`
 - `/etc/network/interfaces restart`
 - **`/etc/init.d/network restart`**
3. The network interface disabled using the `ifdown` command will remain disabled after the system restarts.
True or False?
 - True
 - **False**
4. Which command is used to view the kernel's routing table?
 - `route -l`
 - `route -L`
 - `route -N`
 - **`route -n`**
5. A new default gateway has been added using the `route add` command. Which command can be used to verify if the route has been added correctly?
 - `route --show`
 - `traceroute -n`
 - **`route -n`**
 - `ping -n`
6. The kernel's routing table can be viewed using the commands _____.
 - **`netstat and route`**
 - `netstat and traceroute`
 - `netstat and ifconfig`
 - `route and ifconfig`

7. You just finished installing a new NIC and its driver, which command can you use to verify the interface details?
 - netconfig
 - ping
 - netstat
 - **ifconfig**
8. You have an existing interface *eth0* and have now added a new interface *eth1*. You notice that the count of RX and TX packets is 0 in the output of *ifconfig*. What does this indicate?
 - The *eth0* interface has priority over the *eth1* interface
 - **The *eth1* interface is not being used to route network traffic**
 - The *eth1* interface has not been assigned a MAC address
 - The *eth1* interface has not been configured on the system
9. One of the probable reasons for an increased TX collisions count in the output of *ifconfig* could be _____.
 - Incorrect subnet mask
 - Multiple network interfaces
 - Incorrect Gateway
 - **Network congestion**
10. Which command is used to keep track of suspicious connections?
 - traceroute
 - ping
 - **netstat**
 - ifconfig
11. If you are trying to login to a server and are unable to connect, which command would you use to verify network connectivity?
 - **ping**
 - dig
 - traceroute
 - ifconfig
12. Which command's output will include the ICMP sequence number field?
 - traceroute
 - route
 - **ping**
 - ifconfig
13. Which of the following is not a probable reason for the *Host unreachable* error?

- Network service on host machine not started
 - Incorrect route configured for the default gateway
 - Incorrect netmask used for the default gateway
 - **Incorrect username/password used for login**
14. The netstat command can be run continuously in batch mode.
True or False?
- **True**
 - False
15. Which command can be used to find the ports that are listening for connections on a host?
- netstat -a
 - **netstat -l**
 - netstat -s
 - netstat -z
16. You notice that the round trip time to a particular host is slowly increasing. Which command's output has given you this information?
- route
 - ping -Q
 - netstat
 - **ping**
17. You log in to a server using telnet and bring down the *eth0* interface (the only configured interface) using the ifdown command. What is the result of executing ifdown?
- An error will be displayed that the *eth0* interface cannot be disabled
 - The *eth0* interface will be disabled with a warning
 - The *eth0* interface will be disabled and the telnet session will continue
 - **The *eth0* interface will be disabled and the telnet session will be terminated**
18. The Linux system assigns a default IP address to a newly installed NIC.
True or False?
- True
 - **False**
19. Which of the following is not a function of the netstat command?
- View the kernel's routing tables
 - View port information
 - View interface statistics
 - **View the route used by packets to reach a given destination**