2 b. Putty

4 d. /etc/resolv.conf

5 a. nslookup hostname  
 b. dig hostname  
 c. host hostname

6 a. route

c. ip

8 b. DNS

c. /etc/hosts

12 b. port

15 b. ifup eth0

17 b. /etc/sysconfig/network-scripts/ifcfg-eth0

18 c. default gateway

19 a. Apache (httpd)

d. DNS (named)

12-1

1 process step

2 process step

3 process step

4 process step

5 IPv4 192.168.159.130 IPv6 fe80::20c:29ff:feee:73c

6 yes

7 process step

8 process step

9 process step

10 DHCP

11 no

12 yes

13 unknown host

14 process step

15 process step

16 process step

17 IPv4 192.168.159.131 IPv6 fe80::20c:29ff:feee:73c

18 no

19 yes it did probe for a DHCP server

20 process step

12-2

1 process step

2 localdomain, localdomain

3 yes

4 yes

5 process step

6 no

7 yes, all packets lost

8 no all packets were lost

9 process step

10 .2 ubuntu

12-3

1 process step

2 it did not return anything

3 it returned the server ip

4 it provided a lot more detail then the other two

5 process step

12-5

1 process step

2 process step

3 process step

4 process step

5 process step

6 no

7 process step

8 unable to connect to the remote host

9 process step

10 process step

11 process step

12 process step

13 SSH

14 process step

15 process step

16 process step

17

18 process step

19 process step

20 process step

21

22 process step

23 process step

24 process step

25

12-6

1 process step

2 yes

3 process step

4 process step

5 yes

6 process step

7 process step

8 process step

9 process step

10 process step

11 process step

12 process step

13 process step

14 process step

15 process step

16 yes

17 process step

18

19

20 process step

21 process step

22 process step

12-7

1 process step

2 process step

3 process step

4 process step

5 process step

6 process step

7 process step

8 process step

9 process step

10 process step

11 process step

12 process step