

```
dhcp01-david login: david
Password:
Last login: Mon Sep 13 14:38:51 on tty1
[david@dhcp01-david ~]$ ping -c1 google.com
PING google.com (142.250.176.206) 56(84) bytes of data.
64 bytes from lga34s37-in-f14.1e100.net (142.250.176.206): icmp_seq=1 ttl=116 time=11.1 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 11.188/11.188/11.188/0.000 ms
[david@dhcp01-david ~]$ ping -c1 ad01-david
PING ad01-david.david.local (10.0.5.5) 56(84) bytes of data.
64 bytes from ad01-david.david.local (10.0.5.5): icmp_seq=1 ttl=128 time=0.205 ms

--- ad01-david.david.local ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.205/0.205/0.205/0.000 ms
[david@dhcp01-david ~]$ ping -c1 fw01-david
PING fw01-david.david.local (10.0.5.2) 56(84) bytes of data.
64 bytes from fw01-david.david.local (10.0.5.2): icmp_seq=1 ttl=64 time=0.289 ms

--- fw01-david.david.local ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.289/0.289/0.289/0.000 ms
[david@dhcp01-david ~]$ _
```

- 1)
- a) This is the successful pings coming from dhcp01 to google as well as the ad and the fw

```
PS C:\Users\david.thomsen> ping -n 1 dhcp01-david

Pinging dhcp01-david.david.local [10.0.5.3] with 32 bytes of data:
Reply from 10.0.5.3: bytes=32 time<1ms TTL=64

Ping statistics for 10.0.5.3:
    Packets: Sent = 1, Received = 1, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

PS C:\Users\david.thomsen>
```

- 2)
- a) This is a successful ping from the ws01 to the dhcp01 by name rather than IP showing a working dns

```

C:\ david@dhcp01-david:~
Microsoft Windows [Version 10.0.17763.2114]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\david.thomsen>ssh david@dhcp01-david
david@dhcp01-david's password:
Last login: Mon Sep 13 14:37:32 2021
[david@dhcp01-david ~]$
```

3)

a) This shows the successful ssh connection from ws01 to dhcp01

```

[david@dhcp01-david ~]$ history
 1 nmtui
 2 sudo nmtui
 3 systemctl restart network
 4 systemctl restart network
 5 cls
 6 exit
 7 history
 8 pwd
 9 cd /home
10 ls
11 cd
12 ls -l
13 history
[david@dhcp01-david ~]$
```

4)

a)

5) Deliverable 5. This is a two part question:

a) What security implications does this file represent? List at least one pro and one con.

i) This allows you to look at the commands that were previously input into the console. This can be helpful in order to solve problems, but can be dangerous if the wrong person sees them and intends to harm the user.

b) What command is used to clear bash history?

i) `cat /dev/null > ~/.bash_history`

6) https://github.com/dthomsen116/SYS_255/wiki/Thomsen-SYS255-Lab03