

Take screenshots of the below commands execution, the output should be similar to the example on INFOTC3850\_SP\_2019\_09\_DNS\_Configuration\_part04 video on Canvas.

**\$ nslookup server0.infotc3850.com**

```
[root@server0 named]# nslookup server0.infotc3850.com
```

```
Server:      192.168.100.65
```

```
Address:     192.168.100.65#53
```

```
Name:   server0.infotc3850.com
```

```
Address: 192.168.100.65
```

```
[root@server0 named]# _
```

**\$ nslookup 192.168.100.65**

```
[root@server0 named]# nslookup 192.168.100.65
```

```
Server:      192.168.100.65
```

```
Address:     192.168.100.65#53
```

```
65.100.168.192.in-addr.arpa      name = server0.infotc3850.com.
```

```
[root@server0 named]#
```

\$ dig

```
[root@server0 named]# dig

; <<>> DiG 9.9.4-RedHat-9.9.4-73.el7_6 <<>>
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 7192
;; flags: qr rd ra ad: QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:: udp: 4096
;; QUESTION SECTION:
;.                               IN      NS

;; ANSWER SECTION:
.      518312 IN      NS      h.root-servers.net.
.      518312 IN      NS      j.root-servers.net.
.      518312 IN      NS      b.root-servers.net.
.      518312 IN      NS      i.root-servers.net.
.      518312 IN      NS      f.root-servers.net.
.      518312 IN      NS      e.root-servers.net.
.      518312 IN      NS      a.root-servers.net.
.      518312 IN      NS      m.root-servers.net.
.      518312 IN      NS      k.root-servers.net.
.      518312 IN      NS      l.root-servers.net.
.      518312 IN      NS      c.root-servers.net.
.      518312 IN      NS      g.root-servers.net.
.      518312 IN      NS      d.root-servers.net.

;; Query time: 0 msec
;; SERVER: 192.168.100.65#53(192.168.100.65)
;; WHEN: Mon Mar 04 11:38:09 CST 2019
;; MSG SIZE rcvd: 239

[root@server0 named]#
```

**\$ ping server0.infotc3850.com**

```
[root@server0 named]# ping -c 4 server0.infotc3850.com
PING server0.infotc3850.com (192.168.100.65) 56(84) bytes of data.
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=1 ttl=64 time=0.039 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=2 ttl=64 time=0.086 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=3 ttl=64 time=0.040 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=4 ttl=64 time=0.039 ms

--- server0.infotc3850.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3000ms
rtt min/avg/max/mdev = 0.039/0.051/0.086/0.020 ms
[root@server0 named]#
```

**\$ ping infotc3850.com**

```
[root@server0 named]# ping -c 4 infotc3850.com
PING infotc3850.com (192.168.100.65) 56(84) bytes of data.
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=1 ttl=64 time=0.015 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=2 ttl=64 time=0.038 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=3 ttl=64 time=0.037 ms
64 bytes from server0.infotc3850.com (192.168.100.65): icmp_seq=4 ttl=64 time=0.037 ms

--- infotc3850.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3000ms
rtt min/avg/max/mdev = 0.015/0.031/0.038/0.011 ms
[root@server0 named]# _
```