Computer Networks Lab

Lab Task

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p180034(B)

```
127.0.0.1 localhost

# The following lines are desirable for IPv6 capable hosts
::1 ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
ff02::3 ip6-allhosts
127.0.0.1       localhost
172.31.10.232   p180034.example.local p180034
```

```
ip-172-31-10-232
p180034
~
~
~
```

```
;
; BIND data file for local loopback interface
;
$TTL    604800
@       IN      SOA     p180034.example.local. root.p180034.example.local.
 (
                        6
                        604800
                        86400
                        2419200
                        604800 )
;
@       IN      NS      localhost.
@       IN      A       127.0.0.1
@       IN      AAAA    ::1

;Name Server Information
        IN      NS      p180034.example.local.
;Name Server A records
p180034.example.local.          IN      A       172.31.10.232
~
~
~
```

```
;
; BIND data file for local loopback interface
;
$TTL    604800
@       IN      SOA     p180034.example.local. root.p180034.example.local.
 (
                        5
                        604800
                        86400
                        2419200
                        604800 )
;
@       IN      NS      localhost.
@       IN      A       127.0.0.1
@       IN      AAAA    ::1


;Name Server Information

        IN      NS      ns1.technologyrss.local.

;PTR records from ip last two part

10.232       IN      PTR     ns1.example.local.
~
~
```

```
ip-172-31-10-232# named-checkzone 66.10.in-addr.arpa db.fwd.example.local
db.fwd.example.local:19: ignoring out-of-zone data (p180034.example.local)
zone 66.10.in-addr.arpa/IN: loaded serial 6
OK
ip-172-31-10-232#
```

```
ip-172-31-10-232# named-checkzone 66.10.in-addr.arpa db.rev.example.local
zone 66.10.in-addr.arpa/IN: loaded serial 5
OK
ip-172-31-10-232#
```

```
ip-172-31-10-232# nslookup p180034.example.local
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
Name:   p180034.example.local
Address: 172.31.10.232

ip-172-31-10-232# nslookup 172.31.10.232

232.10.31.172.in-addr.arpa      name = p180034.example.local.
232.10.31.172.in-addr.arpa      name = p180034.

Authoritative answers can be found from:

ip-172-31-10-232#
```