

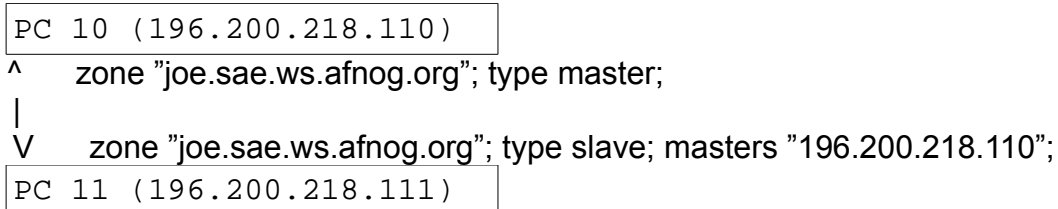
## Followup to the exercise on DNS delegation.

Concept: you want to create a zone of *your* choice, let's say: "joe.sae.ws.afnog.org".

The idea is that YOUR machine will be the MASTER nameserver for this zone, and then you will pick a partner which will be SLAVE for the *same* zone as well ("mirroring").

Let's say you have PC10 and you want PC11 to be SLAVE.

Illustration:



How to achieve this ?

1. On the MASTER machine (PC110) create the zone in /etc/namedb/named.conf:

```
zone "joe.sae.ws.afnog.org" {
    type master; file "master/joe.sae.ws.afnog.org";
};
```

... and restart the master server (**CHECK** /var/log/messages for errors and **VERIFY** that the name server has started using "ps ax | grep named")

2. TEST that it works using "dig":

```
dig @pc110 soa joe.sae.ws.afnog.org
or
dig @196.200.218.110
```

3. Tell your partner to setup SLAVE service for *your* zone on their machine, by adding the following to THEIR /etc/namedb/named.conf:

```
zone "joe.sae.ws.afnog.org" {
    type slave; file "slave/joe.sae.ws.afnog.org";
    masters { 196.200.218.110; };
};
```

... and restart the slave server (**CHECK** /var/log/messages for errors and **VERIFY** that the name server has started using "ps ax | grep named")

4. TEST that it works using "dig":

```
dig @pc111 soa joe.sae.ws.afnog.org
or
dig @196.200.218.111 soa joe.sae.ws.afnog.org
```

5. ASK for delegation to the hostmaster for "sae.ws.afnog.org", indicating on the paper:

PC#

ZONENAME

MASTER SERVER

SLAVE SERVER