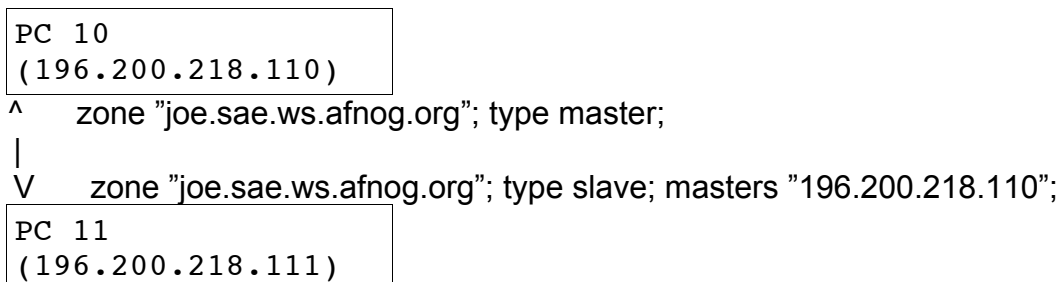**Followup to the exercise on DNS delegation.**

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:

```
PC 10
(196.200.218.110)
 ^     zone "joe.sae.ws.afnog.org"; type master;
 |
 V     zone "joe.sae.ws.afnog.org"; type slave; masters "196.200.218.110";
PC 11
(196.200.218.111)
```

How to achieve this ?

1.   On the MASTER machine (PC10) 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 @pc10 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 @pc11 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