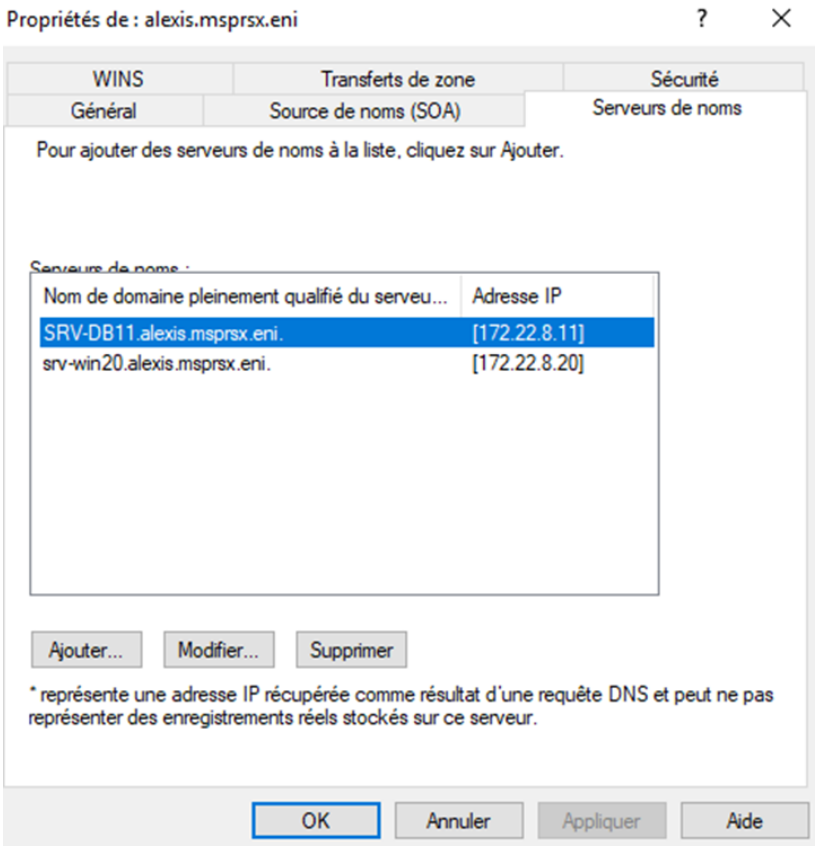
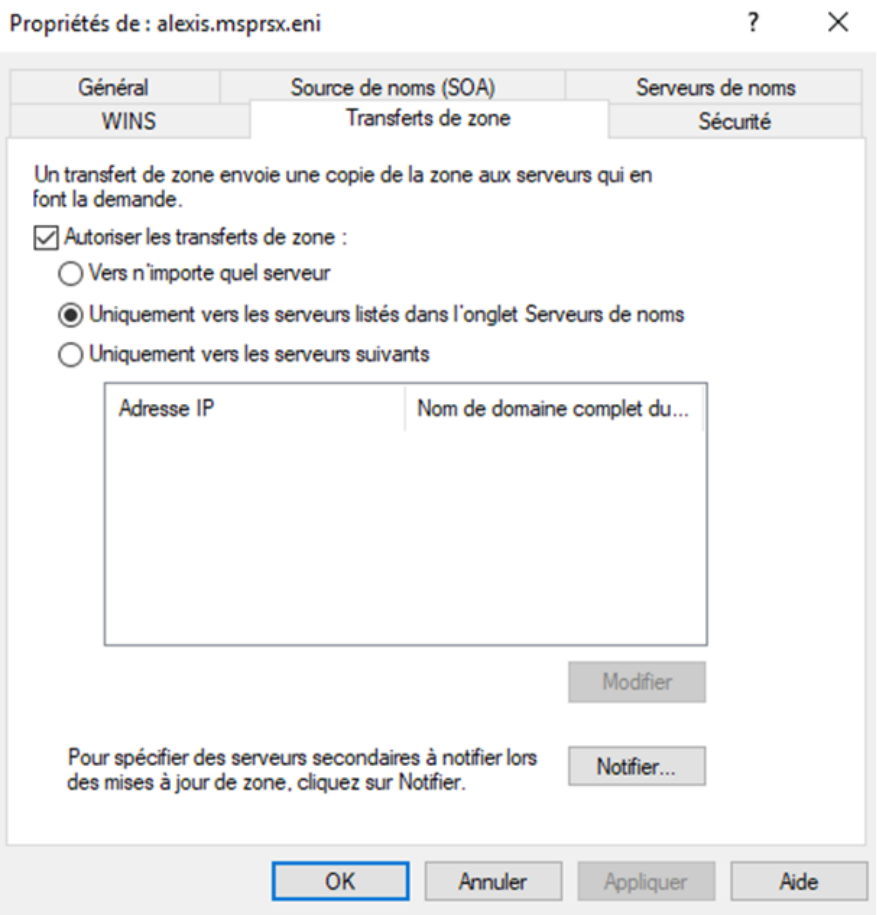
# Bind en tant que DNS secondaire d'un DNS sous Windows

Dans la console DNS, on ajoute le serveur SRV-DB11 dans la liste des serveurs de noms.




On autorise ensuite le transfert de zone vers les serveurs listés dans l’onglet Serveur de noms.




On répète l’opération pour toutes les zones.

Sur SRV-DB11, on installe bind9.

apt update && apt install bind9 -y

On modifie le fichier « /etc/bind/named.conf.local » pour y déclarer les zones secondaires.

```
//
// Do any local configuration here
//

// Consider adding the 1918 zones here, if they are not used in your
// organization
//include "/etc/bind/zones.rfc1918";
zone "alexis.msprsx.eni" IN {
        type slave;
        file "/var/cache/bind/forward.alexis.msprsx.eni.db";
        masters { 172.22.8.20; };
};

zone "_msdcs.alexis.msprsx.eni" IN {
        type slave;
        file "/var/cache/bind/forward._msdcs.alexis.msprsx.eni.db";
        masters { 172.22.8.20; };
};

zone "8.22.172.in-addr.arpa" IN {
        type slave;
        file "/var/cache/bind/reverse.8.22.172.db";
        masters { 172.22.8.20; };
};

zone "8.16.172.in-addr.arpa" IN {
        type slave;
        file "/var/cache/bind/reverse.8.16.172.db";
        masters { 172.22.8.20; };
};
```

On modifie aussi les options globales :

```
options {
        directory "/var/cache/bind";
        allow-query {
                any;
        };
        // If there is a firewall between you and nameservers you want
        // to talk to, you may need to fix the firewall to allow multiple
        // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

        // If your ISP provided one or more IP addresses for stable
        // nameservers, you probably want to use them as forwarders.
        // Uncomment the following block, and insert the addresses replacing
        // the all-0's placeholder.
        masterfile-format text;
        forwarders {
                10.35.0.3;
                172.22.8.20;
        };

        //========================================================================
        // If BIND logs error messages about the root key being expired,
        // you will need to update your keys.  See https://www.isc.org/bind-keys
        //========================================================================
        dnssec-validation auto;

        listen-on-v6 { any; };
};
```

On redémarre ensuite le service et on observe le statut :

```
root@SRV-DB11:/etc/default# systemctl status bind9
● named.service - BIND Domain Name Server
     Loaded: loaded (/lib/systemd/system/named.service; enabled; vendor preset: enabled)
     Active: active (running) since Mon 2022-02-07 14:45:23 CET; 4s ago
       Docs: man:named(8)
   Main PID: 8799 (named)
      Tasks: 5 (limit: 2300)
     Memory: 14.2M
        CPU: 48ms
     CGroup: /system.slice/named.service
             └─8799 /usr/sbin/named -f -u bind

févr. 07 14:45:23 SRV-DB11 named[8799]: zone _msdcs.alexis.msprsx.eni/IN: sending notifies (serial >
févr. 07 14:45:23 SRV-DB11 named[8799]: zone 8.22.172.in-addr.arpa/IN: transferred serial 6
févr. 07 14:45:23 SRV-DB11 named[8799]: transfer of '8.22.172.in-addr.arpa/IN' from 172.22.8.20#53:>
févr. 07 14:45:23 SRV-DB11 named[8799]: transfer of '8.22.172.in-addr.arpa/IN' from 172.22.8.20#53:>
févr. 07 14:45:23 SRV-DB11 named[8799]: zone 8.22.172.in-addr.arpa/IN: sending notifies (serial 6)
févr. 07 14:45:23 SRV-DB11 named[8799]: transfer of '8.16.172.in-addr.arpa/IN' from 172.22.8.20#53:>
févr. 07 14:45:23 SRV-DB11 named[8799]: zone 8.16.172.in-addr.arpa/IN: transferred serial 6
févr. 07 14:45:23 SRV-DB11 named[8799]: transfer of '8.16.172.in-addr.arpa/IN' from 172.22.8.20#53:>
févr. 07 14:45:23 SRV-DB11 named[8799]: transfer of '8.16.172.in-addr.arpa/IN' from 172.22.8.20#53:>
févr. 07 14:45:23 SRV-DB11 named[8799]: zone 8.16.172.in-addr.arpa/IN: sending notifies (serial 6)
lines 1-21/21 (END)
```

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