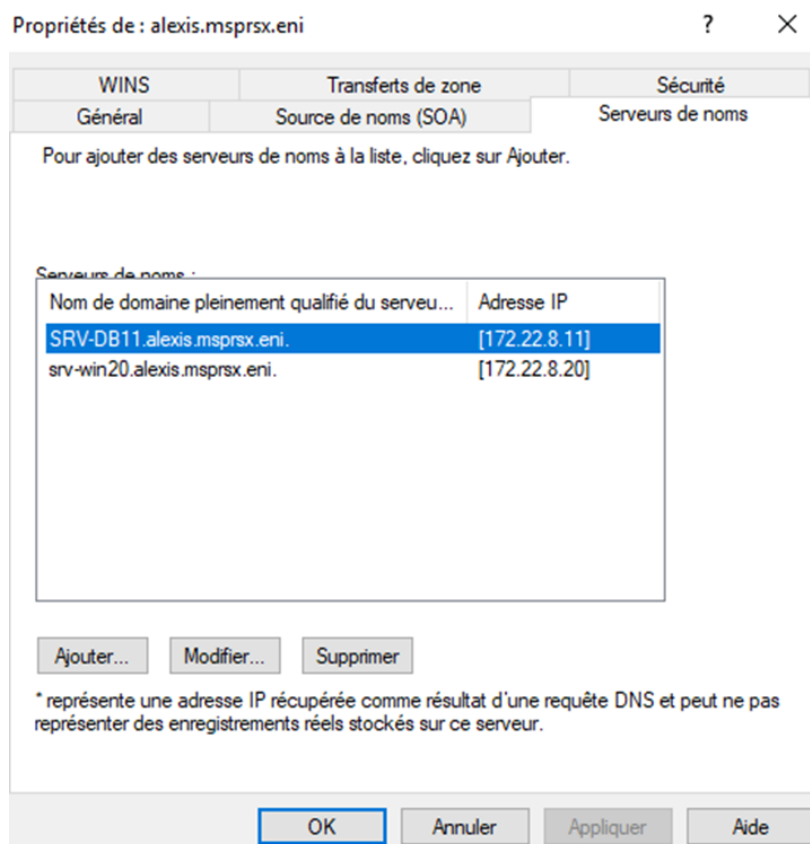


Bind en tant que DNS secondaire d'un DNS sous Windows

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.

The screenshot shows the 'Zone Transfers' tab in the BIND configuration window. The window has a title bar 'Propriétés de : alexis.msprsx.eni' and standard window controls. The tabs are 'Général', 'Source de noms (SOA)', 'Serveurs de noms', 'WINS', 'Transferts de zone' (selected), and 'Sécurité'. The 'Transferts de zone' tab contains the following content:

Un transfert de zone envoie une copie de la zone aux serveurs qui en font la demande.

☒ Autoriser les transferts de zone :

- ☐ Vers n'importe quel serveur
- ☒ Uniquement vers les serveurs listés dans l'onglet Serveurs de noms
- ☐ Uniquement vers les serveurs suivants

Adresse IP	Nom de domaine complet du...
------------	------------------------------

Modifier

Pour spécifier des serveurs secondaires à notifier lors des mises à jour de zone, cliquez sur Notifier.

Notifier...

OK Annuler Appliquer Aide

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 6)
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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