Taak 4 – DNS

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BBB (org.)

Zone file

```
$TTL 5
org.            IN      SOA     bbb.org. root.bbb.org.  (
                                201812309  ; Serial
                                28800      ; Refresh
                                14400      ; Retry
                                604800     ; Expire - 1 week
                                86400 )    ; Minimum


org.            IN      NS      bbb.org.
bbb.org.        IN      A       192.168.120.10
router.org.     IN      A       192.168.120.1
printer120.org. IN      A       192.168.120.77

links.org.      IN      NS      eee.links.org.
eee.links.org.  IN      A       192.168.8.5
~
~
~
~
~
~
~
~
"bbb/rootfs/var/bind/pri/org.zone" 15 lines, 553 characters
```

Bind config

```
options {
        directory "/var/bind";
        listen-on { any; };
        listen-on-v6 { none; };
        allow-transfer {
                none;
        };
        pid-file "/var/run/named/named.pid";
        allow-recursion { any; };
        recursion yes;
        version "None of your business!";
};

zone "localhost" IN {
        type master;
        file "pri/localhost.zone";
};

zone "127.in-addr.arpa" IN {
        type master;
        file "pri/127.zone";
};

zone "." IN {
        type hint;
        file "root.cache";
};

zone "org" IN {
        type master;
        file "pri/org.zone";
};
~
```

FFF (onder.com.)

Zone file

```
$TTL 5
onder.com.          IN      SOA     fff.onder.com. root.fff.onder.com. (
                                        201812301   ; Serial
                                        28800       ; Refresh
                                        14400       ; Retry
                                        604800      ; Expire - 1 week
                                        86400 )     ; Minimum

onder.com.                  IN      NS      fff.onder.com.
fff.onder.com.              IN      A       192.168.24.4
router.onder.com.           IN      A       192.168.24.1
printer24.onder.com.        IN      A       192.168.24.77

drie.onder.com.             IN      NS      pluto3.drie.onder.com.
pluto3.drie.onder.com.      IN      A       192.168.19.3

vier.onder.com.             IN      NS      pluto4.vier.onder.com.
pluto4.vier.onder.com.      IN      A       192.168.28.3
~
~
```

Bind config

```
options {
        directory "/var/bind";
        listen-on { any; };
        listen-on-v6 { none; };
        allow-transfer {
                none;
        };
        pid-file "/var/run/named/named.pid";
        allow-recursion { any; };
        recursion yes;
        version "None of your business!";
};

zone "localhost" IN {
        type master;
        file "pri/localhost.zone";
};

zone "127.in-addr.arpa" IN {
        type master;
        file "pri/127.zone";
};
zone "." IN {
        type hint;
        file "root.cache";
};

zone "onder.com" IN {
        type master;
        file "pri/onder.com.zone";
};
~
```

Pluto 3 (drie.onder.com.)

Zone file

```
$TTL 5
drie.onder.com.          IN       SOA      pluto3.drie.onder.com. root.pluto3.drie.on
der.com.  (
                                    201812301  ; Serial
                                    28800      ; Refresh
                                    14400      ; Retry
                                    604800     ; Expire - 1 week
                                    86400 )    ; Minimum


drie.onder.com.          IN       NS       pluto3.drie.onder.com.
pluto3.drie.onder.com.           IN       A        192.168.19.3
router.drie.onder.com.           IN       A        192.168.19.1
printer19.drie.onder.com.        IN       A        192.168.19.77
~
~
```

Bind config

```
options {
        directory "/var/bind";
        listen-on { any; };
        listen-on-v6 { none; };
        allow-transfer {
                none;
        };
        pid-file "/var/run/named/named.pid";
        allow-recursion { any; };
        recursion yes;
        version "None of your business!";
};
zone "." IN {
        type hint;
        file "/var/bind/root.cache";
};
zone "localhost" IN {
        type master;
        file "pri/localhost.zone";
};
zone "127.in-addr.arpa" IN {
        type master;
        file "pri/127.zone";
};
zone "drie.onder.com" IN {
        type master;
        file "pri/drie.onder.com.zone";
};
~
```

Pluto 5 (vijf.midden.com.)

Zone file

```
$TTL 5
vijf.midden.com.          IN        SOA       pluto5.vijf.midden.com. root.pluto5.vijf.m
idden.com.  (
                                              201812301  ; Serial
                                              28800      ; Refresh
                                              14400      ; Retry
                                              604800     ; Expire - 1 week
                                              86400 )    ; Minimum

vijf.midden.com.                    IN        NS        pluto5.vijf.midden.com.
pluto5.vijf.midden.com.             IN        A         192.168.32.3
router.vijf.midden.com.             IN        A         192.168.32.1
printer32.vijf.midden.com.          IN        A         192.168.32.77
~
~
```

Bind config

```
options {
        directory "/var/bind";
        listen-on { any; };
        listen-on-v6 { none; };
        allow-transfer {
                none;
        };
        pid-file "/var/run/named/named.pid";
        allow-recursion { any; };
        recursion yes;
        version "None of your business!";
};
zone "." IN {
        type hint;
        file "/var/bind/root.cache";
};
zone "localhost" IN {
        type master;
        file "pri/localhost.zone";
};
zone "127.in-addr.arpa" IN {
        type master;
        file "pri/127.zone";
};
zone "vijf.midden.com" IN {
        type master;
        file "pri/vijf.midden.com.zone";
};

~
```

Pluto 7 (zeven.rechts.edu.)

Zone file

```
$TTL 5
zeven.rechts.edu.        IN      SOA     pluto7.zeven.rechts.edu. root.pluto7.zev
en.rechts.edu. (
                                201812301  ; Serial
                                28800      ; Refresh
                                14400      ; Retry
                                604800 )   ; Expire - 1 week
                                86400 )    ; Minimum

zeven.rechts.edu.            IN      NS      pluto7.zeven.rechts.edu.
pluto7.zeven.rechts.edu.     IN      A       192.168.52.3
router.zeven.rechts.edu.     IN      A       192.168.52.1
printer52.zeven.rechts.edu.  IN      A       192.168.52.77
~
```

Bind config

```
options {
        directory "/var/bind";
        listen-on { any; };
        listen-on-v6 { none; };
        allow-transfer {
                none;
        };
        pid-file "/var/run/named/named.pid";
        allow-recursion { any; };
        recursion yes;
        version "None of your business!";
};
zone "." IN {
        type hint;
        file "/var/bind/root.cache";
};
zone "localhost" IN {
        type master;
        file "pri/localhost.zone";
};
zone "127.in-addr.arpa" IN {
        type master;
        file "pri/127.zone";
};
zone "zeven.rechts.edu" IN {
        type master;
        file "pri/zeven.rechts.edu.zone";
};
~
```