

## DNS-Architektur – tsbe.int – Lösungsvorschlag

### /etc/bind/named.conf.options

```
options {
    directory "/var/cache/bind";
    forwarders {8.8.8.8; 10.9.4.12;};
    allow-query {127.0.0.0/16; 192.168.0.0/16;};
    dnssec-validation no;
    dnssec-enable no;
    auth-nxdomain no;
};
```

### /etc/bind/named.conf.local

```
zone "tsbe.int" in {
    type master;
    file "/etc/bind/db.tsbe.int";
};

zone "220.168.192.in-addr.arpa" in {
    type master;
    file "/etc/bind/db.192.168.220";
};
```

### /etc/bind/db.tsbe.int

```
$TTL      604800
@         IN      SOA      ns.tsbe.int. root.tsbe.int. (
                        2017090902      ; Serial
                        604800           ; Refresh
                        86400            ; Retry
                        2419200          ; Expire
                        604800 )         ; Negative Cache TTL

@         IN      NS       ns.tsbe.int.
@         IN      A        10.10.10.5
;
ns       IN       A       192.168.220.12
sap       IN      A        192.168.220.15
fibu      IN      A        192.168.220.16
www       IN      A        192.168.220.12
```

**/etc/bind/db.192.168.220**

```
$TTL      604800
@         IN      SOA      ns.tsbe.int. root.tsbe.int. (
                        2013102402      ; Serial
                        604800           ; Refresh
                        86400            ; Retry
                        2419200          ; Expire
                        604800 )         ; Negative Cache TTL

@         IN      NS       ns.tsbe.int.

12        IN      PTR      ns.tsbe.int.
15        IN      PTR      sap.tsbe.int.
16        IN      PTR      fibu.tsbe.int.
```

**/etc/network/interfaces**

```
auto lo
iface lo inet loopback

auto eth0
iface eth0 inet static
    address 192.168.220.12
    network 192.168.220.0
    netmask 255.255.255.0
    broadcast 192.168.220.255
    gateway 192.168.220.1
#
    dns-nameservers 192.168.220.12
    dns-search tsbe.int
```

**ifdown eth0**  
**ifup eth0**

**/etc/init.d/bind9 restart**  
**tail /var/log/syslog**

**nslookup [ns.tsbe.int](http://ns.tsbe.int) -> DNS, -> WP PING DNS-IP**  
**nslookup 192.168.220.15**  
**nslookup www.google.ch**

**DNS-Einstellungen vmWP2**

