

# BIND 9 Forward and Reverse Zone Files

For a domain of **internal.tld**, use the following example zones (toward the bottom of this page) in files such as **/etc/bind/db.internal.tld** and **/etc/bind/db.0.168.192.in-addr.arpa** respectively.

Reference these zone files in a file such as **named.conf.local** as shown directly below.

```
zone "internal.tld" {
    type master;
    allow-update { "none";
    };
    file "/etc/bind/db.internal.tld";
};

zone "0.168.192.in-addr.arpa" {
    type master;
    allow-update { "none";
    };
    file "/etc/bind/db.0.168.192.in-addr.arpa";
};
```

Here are the example zone files.

```
$ORIGIN internal.tld.
$TTL 3600      ; 1 hour
@              IN SOA  chunk.internal.tld. hostmaster.internal.tld. (
                2020010000 ; serial (increment after modifying this file)
                3600      ; refresh (1 hour)
                600       ; retry (10 minutes)
                86400     ; expire (1 day)
                600       ; minimum (10 minutes)
                )
               IN     NS      chunk.internal.tld.
               IN     MX      10 mail.internal.tld.

chunk          A       192.168.0.10
mail           A       192.168.0.12
```

```
$ORIGIN 0.168.192.in-addr.arpa.
$TTL 3600      ; 1 hour
@              IN SOA  chunk.internal.tld. hostmaster.internal.tld. (
                2020010000 ; serial (increment after modifying this file)
                10800     ; refresh (3 hours)
                15        ; retry (15 seconds)
                604800    ; expire (1 week)
                10800     ; minimum (3 hours)
                )
               IN     NS      chunk.internal.tld.

10             PTR     chunk.internal.tld.
12             PTR     mail.internal.tld.
```

|           |             |
|-----------|-------------|
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| Chosen OS | Debian 11.3 |