

## DNS Resource Record Types

### A (IPv4 Host Address)

```
<Name>          <TTL> IN  A  <IPv4-Adresse>
www.example.com. 3600 IN  A  172.27.171.106
```

### AAAA (IPv6 Host Address)

```
<Name>          <TTL> IN  AAAA <IPv6-Adresse>
www.example.com. 3600 IN  AAAA 2001:db8::1
```

### CNAME (Alias)

```
<Alias-Name>    IN  CNAME <kanonischer Name>
www.example.net. IN  CNAME www.example.com.
```

### SOA (Start Of [a zone of] Authority)

Anfang einer Zonendatei mit Informationen für Zonentransfer

```
<Name der Zone> IN SOA <Master>    <E-Mail>
@ IN SOA master.example.com. hostmaster.example.com. (
    2014031700 ; serial
    3600      ; refresh
    1800     ; retry
    604800   ; expire
    600     ) ; ttl
```

### NS (Name Server)

```
<Name>          <TTL> IN  NS  <Nameserver>
example.com.    1800 IN  NS  n1.example.com.
example.com.    1800 IN  NS  n2.example.com.
```

### MX (Mail Exchange)

```
<Name>          <TTL> IN  MX  <pref> <Mail-Server-Name>
example.com.    3w   IN  MX  10   mail.example.com.
```

Es wird Server mit kleinstem pref verwendet.