

# Ubuntu

#  

```
sudo apt install bind9 bind9utils bind9-doc
```

# **IPv4**   









```
sudo vi /etc/default/named
```

```
OPTIONS="-u bind -4"
```

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

```
zone "spelix.com" IN {  
    type master;  
    file "/etc/bind/zones/db.spelix.com";  
    allow-update { none; };  
};
```

# **/etc/bind/zones/db.spelix.com**

- zones   .
- zone   (row, )  .

```
$TTL 1D  
spelix.com. IN SOA ns1.spelix.com. krauss.spelix.com. (  
    1          ; serial  
    10800     ; refresh after 3 hours  
    3600      ; retry after 1 hour  
    604800    ; expire after 1 week  
    86400     ; minimum TTL of 1 day  
)  
  
spelix.com. IN NS ns1.spelix.com.
```

ns1.spelix.com. IN A 115.71.1.39

m1.packstack.spelix.com. IN A 115.71.1.40

; web server that is places out side of this local network

www.spelix.com. IN A 34.149.87.45

ntp.spelix.com. IN CNAME ns1.spelix.com.

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