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## BIND Change the IP Address of a Domain or HOST

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# BIND

[1]

**Q.** How do I Change the IP Address of a Domain or Host under BIND 8 or 9?

**A.** You can easily change the IP address of a Domain or host under BIND dns software. You need to update zone database. Usually, named.conf file contains the location for zone file for each domain. You need to open this file using a text editor such as vi and update the domain / HOST IP including serial number. You need to only make changes on master BIND DNS server.

Follow the steps below if you want to change IP address of a domain / host. Open named.conf on master dns server, enter:

```
# vi named.conf
```

Find domain name. For example, entry for theos.in, look like as follows:

```
zone "theos.in" {
    type master;
    file "/etc/bind/zones/master.theos.in";
    allow-transfer { key TRANSFER; };
};
```

Open zone database file called /etc/bind/zones/master.theos.in, enter:

```
# vi /etc/bind/zones/master.theos.in
```

Find A (IP Adress) dns recored for domain called theos.in, which may look like as follows:

```
@           3600    IN  A      75.126.168.153
www         3600    IN  A      75.126.168.153
```

Update it as follows to change IP from 75.126.168.153 to 64.12.54.5, enter:

```
@           3600    IN  A      64.12.54.5
www         3600    IN  A      64.12.54.5
```

Find serial number, which may look like as follows:

```
2007071012
```

And update it:

```
2007071013
```

Here is **zone before** any changes:

```
$ORIGIN theos.in.
$TTL 3h
@           IN  SOA  ns1.nixcraft.net. vivek.nixcraft.com. (
                                2007071012      ; Serial yyyymmddnn
                                3h                ; Refresh After 3 hours
                                1h                ; Retry Retry after 1 hour
                                1w                ; Expire after 1 week
                                1h)              ; Minimum negative caching of 1 hour

@           3600 IN  NS   ns1.nixcraft.net.
@           3600 IN  NS   ns2.nixcraft.net.
```

```
@          3600      IN TXT  "v=spf1 mx ~all"
@          3600      IN A    75.126.168.153
www        3600      IN A    75.126.168.153
```

Here is **zone after** the IP Address change:

```
$ORIGIN theos.in.
$TTL 3h
@          IN SOA ns1.nixcraft.net. vivek.nixcraft.com. (
                                2007071013      ; Serial yyyymmddnn
                                3h                ; Refresh After 3 hours
                                1h                ; Retry Retry after 1 hour
                                1w                ; Expire after 1 week
                                1h)              ; Minimum negative caching of 1 hour

@          3600 IN NS   ns1.nixcraft.net.
@          3600 IN NS   ns2.nixcraft.net.

@          3600      IN TXT  "v=spf1 mx ~all"
@          3600      IN A    64.12.54.5
www        3600      IN A    64.12.54.5
```

Save and close the file. Reload bind:

```
# rndc reload
```

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