

-SETTING UP BIND-CHROOT

Erfan Hooman
November 21, 2024

- **Install bind and bind-chroot**

```
$ sudo dnf install bind bind-chroot
```

- **Open Service Configuration and set environment**

```
$ sudo systemctl edit named
```

```
Environment="OPTIONS=-u named -t /var/named/chroot"
```

- **Reload Daemon**

```
$ sudo systemctl daemon-reload
```

- **Configure bind by copying Configuration into the chroot**

```
$ sudo cp /etc/named.conf /var/named/chroot/etc/
```

```
$ sudo cp -r /var/named/* /var/named/chroot/var/named/
```

```
$ sudo cp -v /usr/lib64/libnss* /var/named/chroot/lib64/
```

```
$ sudo cp -v /lib64/ld-linux* /var/named/chroot/lib64/
```

- **Start Service**

```
$ sudo systemctl enable named
```

```
$ sudo systemctl start named
```

- **Restrict Access to Environment**

```
$ sudo chmod 750 /var/named/chroot
```

- **Test DNS**

```
$ sudo named-checkconf -t /var/named/chroot
```

```
$ sudo named-checkzone example.com /var/named/chroot/var/named/example.com.zone
```

```
$ dig www.anisa.co.ir @localhost
```

