

# Initial FreeIPA Setup and Install

## FreeIPA

### Basics

### Requirements

### Server

# The Download Process

## DNS

```
nslookup
```

```
--enablemkhomedir
```

## My Commands and Steps

```
sudo dnf update -y
```

```
sudo nano /etc/hostname
```

at all)

```
sudo nano /etc/hosts
```

```
192.168.7.226 ipa.mydomain.local ipa  
127.0.0.1 localhost
```

```
sudo su
```

```
firewall-cmd --add-service=freeipa-ldap --add-service=freeipa-ldaps
```

```
firewall-cmd --add-service=freeipa-ldap --add-service=freeipa-ldaps --  
permanent
```

```
yum install freeipa-server freeipa-server-dns nfs-utils
```

```
reboot
```

```
sudo su
```

```
ipa-server-install --mkhomedir
```

```
kinit admin
```

---

## Client Install

```
sudo apt update && sudo apt upgrade -y
```

## Setup IP and FQDN

```
ip addr show
```

```
sudo nano /etc/hosts
```

```
127.0.0.1 localhost
127.0.1.1 ipa-client1.mydomain.local ipa-client1
192.168.7.x ipa-client1.mydomain.local ipa-client1
192.168.7.150 ipasrv2.mydomain.local ipasrv2
```

```
sudo nano /etc/hostname
```

```
ipa-client1.mydomain.local
```

## Download the Software

```
sudo apt install freeipa-client
```

```
MYDOMAIN.LOCAL
```

```
ipasrv2.mydomain.local
```

```
ipasrv2.mydomain.local
```

**Check your network settings one more time**

```
nslookup ipa-client1.mydomain.local
```

```
nslookup ipasrv2.mydomain.local
```

**Run the final Install and Configuration**

```
sudo su -
```

```
ipa-client-install --mkhomedir
```

```
--mkhomedir
```

# Interactive Install Prompts

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