

# IPA - Basic Commands

A basic list of command to manage FreeIPA services.

## DNS

Add new a record and reverse record.

An A record is used to map an FQDN to an IP address. The A record is created using the following:

```
ipa dnsrecord-add <forward-zone> <short-name> --a-rec <IP of A record>
```

The reverse, or pointer, record is used to map the IP to a hostname. The command to create a pointer is:

```
ipa dnsrecord-add <reverse-zone> <num> --ptr-rec <host-FQDN>.
```

Note the trailing dot. This is very important.

This is an example of adding server1.i.example.com with the IP of 192.168.4.11 to the FreeIPA DNS.

```
ipa dnsrecord-add i.example.com server1 --a-rec 192.168.4.11  
ipa dnsrecord-add 4.168.192.in-addr.arpa 11 --ptr-rec server1.i.example.com.
```

## Hosts

Remove a failed or dead host.

```
ipa host-del server1 --updatedns
```

Including the `--updatedns` option will also remove all of the linked DNS entries for this host.

## Services

The service must include the service / FQDN of the host.

```
ipa service-add nfs/server1.i.example.com
```

## Users

Add a new user *lab1*

```
ipa user-add lab1
```

Change the new user's password

```
ipa passwd lab1
```

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