

Identity Management – Mozilla Firefox

Identity Management x

https://ipa-replica.example.com/ipa/ui/#/e/host/search

freelIPA Administrator

Identity Policy Authentication Network Services IPA Server

Users User Groups **Hosts** Host Groups Netgroups Services Automember

Hosts

Search Refresh Delete Add Actions

<input type="checkbox"/>	Host name	Description	Enrolled
<input type="checkbox"/>	ipa-client01.example.com		True
<input type="checkbox"/>	ipa-client02.example.com		True
<input type="checkbox"/>	ipa-replica.example.com		True
<input type="checkbox"/>	ipa-server.example.com		True

Showing 1 to 4 of 4 entries.

```
[root@ipa-replica carlos]# ipa-server-install --uninstall
```

This is a NON REVERSIBLE operation and will delete all data and configuration!

```
Are you sure you want to continue with the uninstall procedure? [no]: yes
```

```
Deleted IPA server "ipa-replica.example.com"
```

```
Shutting down all IPA services
```

```
Unconfiguring ntpd
```

```
Configuring certmonger to stop tracking system certificates for KRA
```

```
Configuring certmonger to stop tracking system certificates for CA
```

```
Unconfiguring web server
```

```
Unconfiguring krb5kdc
```

```
Unconfiguring kadmind
```

```
Unconfiguring directory server
```

```
Unconfiguring ipa-custodia
```

```
Unconfiguring ipa_memcached
```

```
Unconfiguring ipa-otpd
```

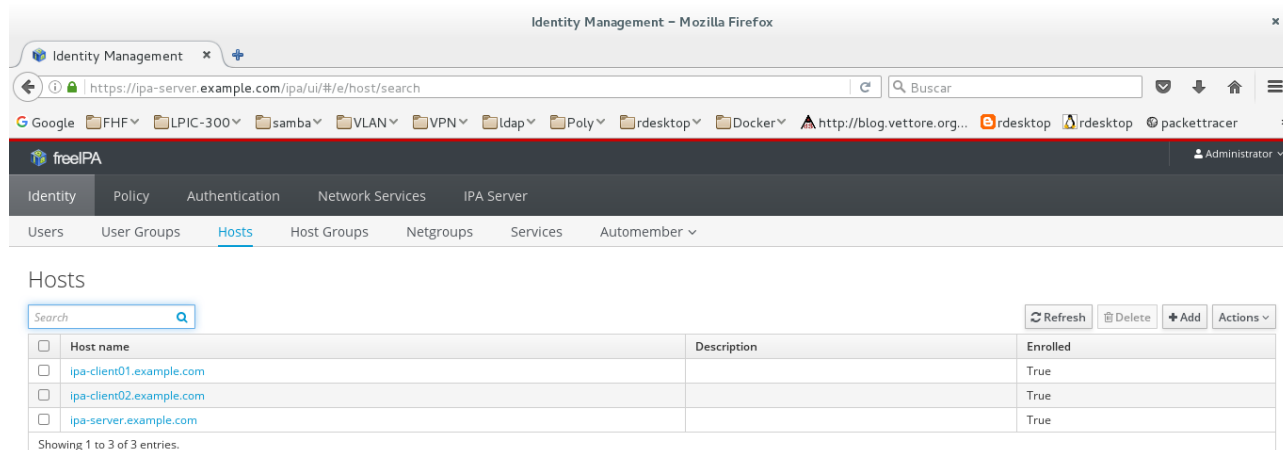
```
Removing IPA client configuration
```

```
Removing Kerberos service principals from /etc/krb5.keytab
```

```
Disabling client Kerberos and LDAP configurations
```

```
Redundant SSSD configuration file /etc/sss/sss.conf was moved to /etc/sss/sss.conf.deleted
```

Restoring client configuration files
Unconfiguring the NIS domain.
nscd daemon is not installed, skip configuration
nslcd daemon is not installed, skip configuration
Systemwide CA database updated.
Client uninstall complete.



```
[root@ipa-replica carlos]# ipa-replica-install --principal admin --password FFFFFFFF --server ipa-server.example.com --domain example.com --setup-ca
```

```
Configuring client side components
Client hostname: ipa-replica.example.com
Realm: EXAMPLE.COM
DNS Domain: example.com
IPA Server: ipa-server.example.com
BaseDN: dc=example,dc=com
```

```
Skipping synchronizing time with NTP server.
Successfully retrieved CA cert
  Subject:  CN=Certificate Authority,O=EXAMPLE.COM
  Issuer:   CN=Certificate Authority,O=EXAMPLE.COM
  Valid From: Thu Feb 23 12:21:12 2017 UTC
  Valid Until: Mon Feb 23 12:21:12 2037 UTC
```

```
Enrolled in IPA realm EXAMPLE.COM
Created /etc/ipa/default.conf
New SSSD config will be created
Configured sudoers in /etc/nsswitch.conf
Configured /etc/sss/sss.conf
Configured /etc/krb5.conf for IPA realm EXAMPLE.COM
trying https://ipa-server.example.com/ipa/json
```

Forwarding 'schema' to json server 'https://ipa-server.example.com/ipa/json'
trying https://ipa-server.example.com/ipa/session/json
Forwarding 'ping' to json server 'https://ipa-server.example.com/ipa/session/json'
Forwarding 'ca_is_enabled' to json server 'https://ipa-server.example.com/ipa/session/json'
Systemwide CA database updated.
Adding SSH public key from /etc/ssh/ssh_host_rsa_key.pub
Adding SSH public key from /etc/ssh/ssh_host_ecdsa_key.pub
Adding SSH public key from /etc/ssh/ssh_host_ed25519_key.pub
Forwarding 'host_mod' to json server 'https://ipa-server.example.com/ipa/session/json'
Could not update DNS SSHFP records.
SSSD enabled
Configured /etc/openldap/ldap.conf
Configured /etc/ssh/ssh_config
Configured /etc/ssh/sshd_config
Configuring example.com as NIS domain.
Client configuration complete.

Run connection check to master
Connection check OK
Configuring NTP daemon (ntpd)
[1/4]: stopping ntpd
[2/4]: writing configuration
[3/4]: configuring ntpd to start on boot
[4/4]: starting ntpd
Done configuring NTP daemon (ntpd).
Configuring directory server (dirsrv). Estimated time: 1 minute
[1/44]: creating directory server user
[2/44]: creating directory server instance
[3/44]: updating configuration in dse.ldif
[4/44]: restarting directory server
[5/44]: adding default schema
[6/44]: enabling memberof plugin
[7/44]: enabling winsync plugin
[8/44]: configuring replication version plugin
[9/44]: enabling IPA enrollment plugin
[10/44]: enabling ldapi
[11/44]: configuring uniqueness plugin
[12/44]: configuring uuid plugin
[13/44]: configuring modrdn plugin
[14/44]: configuring DNS plugin
[15/44]: enabling entryUSN plugin
[16/44]: configuring lockout plugin
[17/44]: configuring topology plugin
[18/44]: creating indices
[19/44]: enabling referential integrity plugin
[20/44]: configuring certmap.conf
[21/44]: configure autobind for root
[22/44]: configure new location for managed entries

[23/44]: configure dirsrv ccache
[24/44]: enabling SASL mapping fallback
[25/44]: restarting directory server
[26/44]: creating DS keytab
[27/44]: retrieving DS Certificate
[28/44]: restarting directory server
[29/44]: setting up initial replication
Starting replication, please wait until this has completed.
Update in progress, 5 seconds elapsed
Update succeeded

[30/44]: adding sasl mappings to the directory
[31/44]: updating schema
[32/44]: setting Auto Member configuration
[33/44]: enabling S4U2Proxy delegation
[34/44]: importing CA certificates from LDAP
[35/44]: initializing group membership
[36/44]: adding master entry
[37/44]: initializing domain level
[38/44]: configuring Posix uid/gid generation
[39/44]: adding replication acis
[40/44]: enabling compatibility plugin
[41/44]: activating sidgen plugin
[42/44]: activating extdom plugin
[43/44]: tuning directory server
[44/44]: configuring directory to start on boot

Done configuring directory server (dirsrv).

Configuring ipa-custodia

[1/5]: Generating ipa-custodia config file
[2/5]: Generating ipa-custodia keys
[3/5]: Importing RA Key

/usr/lib/python2.7/site-packages/urllib3/connection.py:251: SecurityWarning: Certificate has no `subjectAltName`, falling back to check for a `commonName` for now. This feature is being removed by major browsers and deprecated by RFC 2818. (See <https://github.com/shazow/urllib3/issues/497> for details.)

SecurityWarning

[4/5]: starting ipa-custodia
[5/5]: configuring ipa-custodia to start on boot

Done configuring ipa-custodia.

Configuring Kerberos KDC (krb5kdc). Estimated time: 30 seconds

[1/4]: configuring KDC
[2/4]: adding the password extension to the directory
[3/4]: starting the KDC
[4/4]: configuring KDC to start on boot

Done configuring Kerberos KDC (krb5kdc).

Configuring kadmin

[1/2]: starting kadmin
[2/2]: configuring kadmin to start on boot

Done configuring kadmin.

Configuring ipa_memcached

[1/2]: starting ipa_memcached

[2/2]: configuring ipa_memcached to start on boot

Done configuring ipa_memcached.

Configuring the web interface (httpd). Estimated time: 1 minute

[1/20]: setting mod_nss port to 443

[2/20]: setting mod_nss cipher suite

[3/20]: setting mod_nss protocol list to TLSv1.0 - TLSv1.2

[4/20]: setting mod_nss password file

[5/20]: enabling mod_nss renegotiate

[6/20]: adding URL rewriting rules

[7/20]: configuring httpd

[8/20]: configure certmonger for renewals

[9/20]: setting up httpd keytab

[10/20]: setting up ssl

[11/20]: importing CA certificates from LDAP

[12/20]: publish CA cert

[13/20]: clean up any existing httpd ccache

[14/20]: configuring SELinux for httpd

[15/20]: create KDC proxy user

[16/20]: create KDC proxy config

[17/20]: enable KDC proxy

[18/20]: restarting httpd

[19/20]: configuring httpd to start on boot

[20/20]: enabling oddjobd

Done configuring the web interface (httpd).

Applying LDAP updates

Upgrading IPA:

[1/9]: stopping directory server

[2/9]: saving configuration

[3/9]: disabling listeners

[4/9]: enabling DS global lock

[5/9]: starting directory server

[6/9]: upgrading server

[7/9]: stopping directory server

[8/9]: restoring configuration

[9/9]: starting directory server

Done.

Configuring ipa-otpd

[1/2]: starting ipa-otpd

[2/2]: configuring ipa-otpd to start on boot

Done configuring ipa-otpd.

Configuring certificate server (pki-tomcatd). Estimated time: 3 minutes 30 seconds

[1/26]: creating certificate server user

[2/26]: creating certificate server db

[3/26]: setting up initial replication

Starting replication, please wait until this has completed.

Update in progress, 4 seconds elapsed

Update succeeded

[4/26]: creating installation admin user
[5/26]: setting up certificate server
[6/26]: stopping instance to update CS.cfg
[7/26]: backing up CS.cfg
[8/26]: disabling nonces
[9/26]: set up CRL publishing
[10/26]: enable PKIX certificate path discovery and validation
[11/26]: set up client auth to db
[12/26]: destroying installation admin user
[13/26]: Ensure lightweight CAs container exists
[14/26]: Configure lightweight CA key retrieval
[15/26]: starting instance
[16/26]: importing CA chain to RA certificate database
[17/26]: fixing RA database permissions
[18/26]: setting up signing cert profile
[19/26]: setting audit signing renewal to 2 years
[20/26]: configure certificate renewals
[21/26]: configure Server-Cert certificate renewal
[22/26]: Configure HTTP to proxy connections
[23/26]: updating IPA configuration
[24/26]: Restart HTTP server to pick up changes
[25/26]: enabling CA instance
[26/26]: configuring certmonger renewal for lightweight CAs
Done configuring certificate server (pki-tomcatd).

Identity Management – Mozilla Firefox

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https://ipa-server.example.com/ipa/ui/#/p/topology-graph

Google FHF LPIC-300 samba VLAN VPN ldap Poly rdesktop Docker http://blog.vettore.org... rdesktop rdesktop packettracer

freelPA Administrator

Identity Policy Authentication Network Services **IPA Server**

Role Based Access Control ID Ranges ID Views Realm Domains **Topology** API browser Configuration

Topology

Topology suffixes

IPA Servers

Server Roles

Domain Level

Topology Graph

IPA Locations

Topology Graph

Refresh Add Delete

ca

domain

```
graph TD; ipa-client01 --> ipa-client02; ipa-client01 --> ipa-server; ipa-client02 --> ipa-server; ipa-server --> ipa-replica; ipa-server --> domain; ipa-server --> ca;
```

The diagram illustrates the network topology of an IPA server and its components. It features six nodes: ipa-client01, ipa-client02, ipa-server, ipa-replica, domain, and ca. The ipa-server node is central and connected to ipa-client01, ipa-client02, ipa-replica, domain, and ca. The ipa-client01 and ipa-client02 nodes are connected to each other and to the ipa-server. The ipa-replica node is connected to the ipa-server. The domain and ca nodes are also connected to the ipa-server.