

```
[root@ipa-client02 carlos]# yum install ipa-server ipa-admintools
```

```
[root@ipa-client02 carlos]# ipa-replica-install --principal admin --password FFFFFFFF --server ipa-server.example.com --domain example.com
```

Configuring client side components

Using existing certificate '/etc/ipa/ca.crt'.

Client hostname: ipa-client02.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.

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, 4 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:

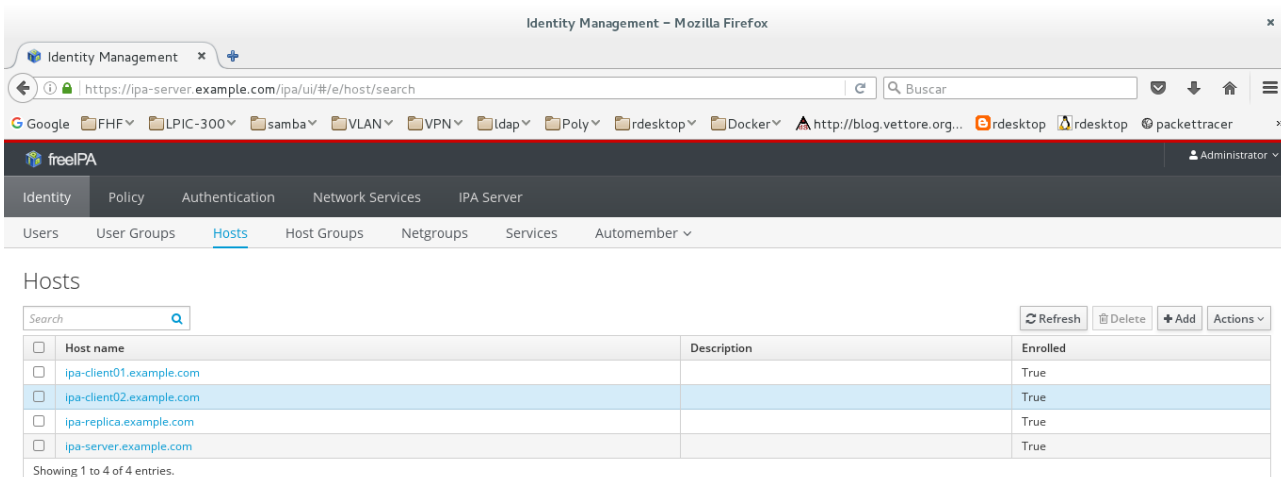
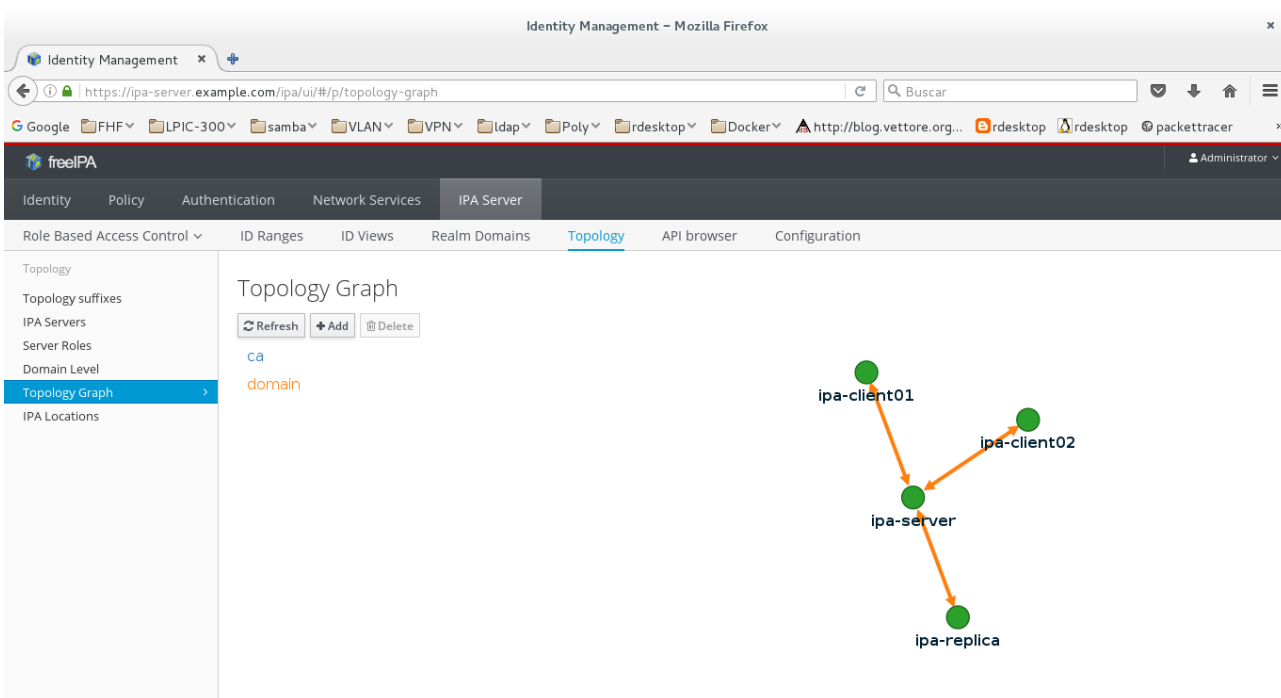
[1/9]: stopping directory server
[2/9]: saving configuration
[3/9]: disabling listeners
[4/9]: enabling DS global lock
[5/9]: starting directory server
[6/9]: upgrading server
[7/9]: stopping directory server
[8/9]: restoring configuration
[9/9]: starting directory server

Done.

Configuring ipa-otpd

[1/2]: starting ipa-otpd
[2/2]: configuring ipa-otpd to start on boot

Done configuring ipa-otpd.



[root@ipa-client02 carlos]# klist -k /etc/krb5.keytab

Keytab name: FILE:/etc/krb5.keytab

KVNO Principal

 1 host/ipa-client02.example.com@EXAMPLE.COM

1 host/ipa-client02.example.com@EXAMPLE.COM

[root@ipa-client02 carlos]# kinit admin

Password for admin@EXAMPLE.COM:

[root@ipa-client02 carlos]# klist

Ticket cache: KEYRING:persistent:0:0

Default principal: admin@EXAMPLE.COM

Valid starting Expires Service principal

24/02/17 11:35:47 25/02/17 11:35:43 krbtgt/EXAMPLE.COM@EXAMPLE.COM