

The screenshot shows the Identity Management web interface in Mozilla Firefox. The browser address bar displays `https://ipa-server.example.com/ipa/ui/#/e/service/search`. The page title is "Identity Management - Mozilla Firefox". The interface includes a navigation menu with tabs for "Identity", "Policy", "Authentication", "Network Services", and "IPA Server". Under "IPA Server", there are sub-tabs for "Users", "User Groups", "Hosts", "Host Groups", "Netgroups", "Services", and "Automember". The "Services" tab is active, showing a search bar and a table of services. The table has columns for "Principal name" and "Service principal". The table contains 11 entries, all with "Service principal" values of "krbtgt/EXAMPLE.COM@EXAMPLE.COM".

Principal name	Service principal
<input type="checkbox"/> DNS/ipa-server.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> HTTP/ipa-client01.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> HTTP/ipa-client02.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> HTTP/ipa-replica.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> HTTP/ipa-server.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> doctag/ipa-replica.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> doctag/ipa-server.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> ldap/ipa-client01.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> ldap/ipa-client02.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> ldap/ipa-replica.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM
<input type="checkbox"/> ldap/ipa-server.example.com@EXAMPLE.COM	krbtgt/EXAMPLE.COM@EXAMPLE.COM

```
[root@ipa-server carlos]# kinit admin
```

```
Password for admin@EXAMPLE.COM:
```

```
[root@ipa-server carlos]# klist
```

```
Ticket cache: KEYRING:persistent:0:0
```

```
Default principal: admin@EXAMPLE.COM
```

```
Valid starting Expires Service principal
05/03/17 11:24:33 06/03/17 11:24:30 krbtgt/EXAMPLE.COM@EXAMPLE.COM
```

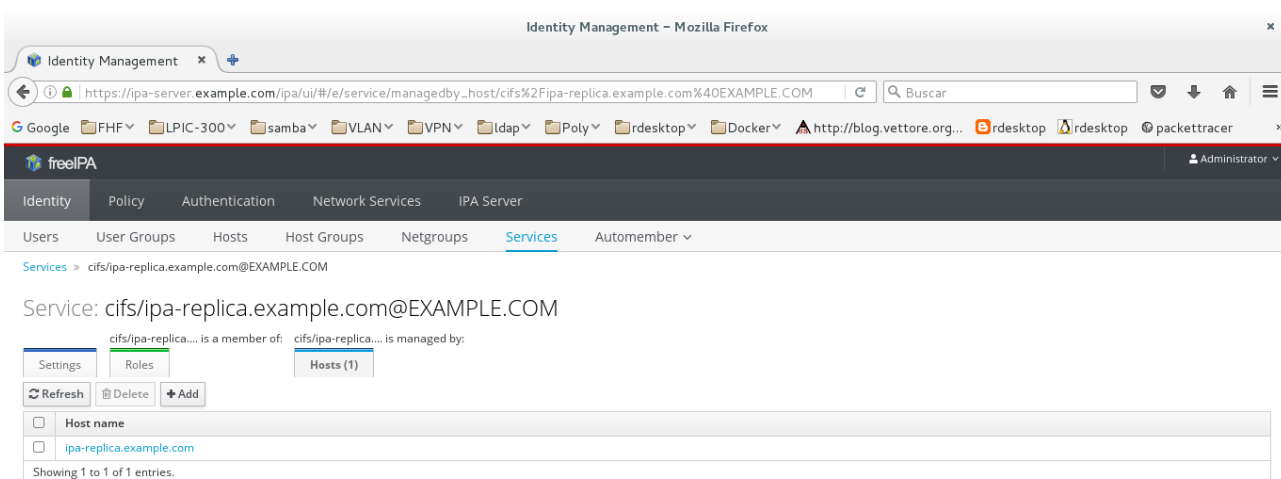
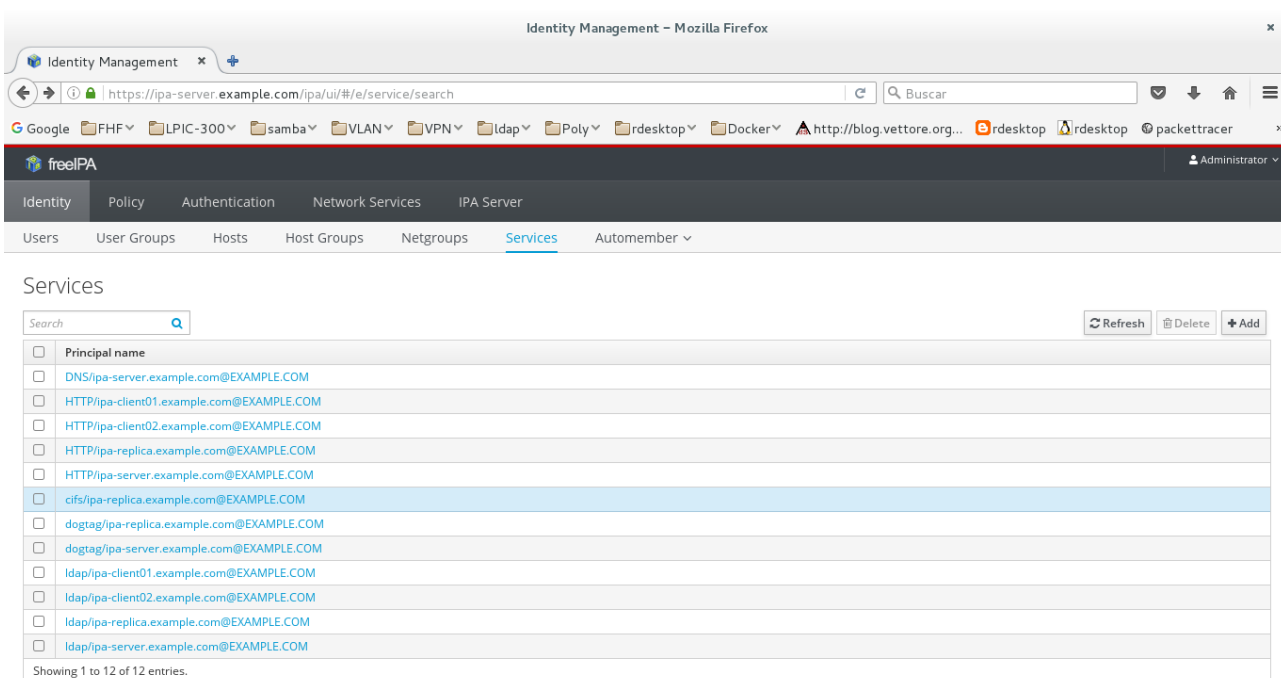
```
[root@ipa-server carlos]# ipa service-add cifs/ipa-replica.example.com
```

```
-----
Ha sido agregado el servicio "cifs/ipa-replica.example.com@EXAMPLE.COM"
```

```
-----
Nombre principal: cifs/ipa-replica.example.com@EXAMPLE.COM
```

```
Principal alias: cifs/ipa-replica.example.com@EXAMPLE.COM
```

```
Managed by: ipa-replica.example.com
```



**[root@ipa-server carlos]# ipa service-add-host cifs/ipa-replica.example.com --hosts=ipa-server.example.com**

Nombre principal: cifs/ipa-replica.example.com@EXAMPLE.COM  
 Principal alias: cifs/ipa-replica.example.com@EXAMPLE.COM  
 Managed by: ipa-replica.example.com, ipa-server.example.com

-----  
 Cantidad de miembros añadidos 1  
 -----

```
[root@ipa-server carlos]# klist
```

```
Ticket cache: KEYRING:persistent:0:0
```

```
Default principal: admin@EXAMPLE.COM
```

```
Valid starting Expires Service principal
05/03/17 11:25:02 06/03/17 11:24:30 HTTP/ipa-server.example.com@EXAMPLE.COM
05/03/17 11:24:33 06/03/17 11:24:30 krbtgt/EXAMPLE.COM@EXAMPLE.COM
```

```
[root@ipa-server carlos]# kinit -kt /etc/krb5.keytab host`hostname`
```

```
[root@ipa-server carlos]# klist
```

```
Ticket cache: KEYRING:persistent:0:krb_ccache_9fGjRkU
```

```
Default principal: host/ipa-server.example.com@EXAMPLE.COM
```

```
Valid starting Expires Service principal
05/03/17 11:32:51 06/03/17 11:32:51 krbtgt/EXAMPLE.COM@EXAMPLE.COM
```

```
[root@ipa-server carlos]# ipa-getkeytab -s `hostname` -k /tmp/cifs.keytab -p cifs/ipa-replica.example.com
```

```
Tabla de claves recuperada y almacenada correctamente en:/tmp/cifs.keytab
```

```
[root@ipa-server carlos]# klist -k /tmp/cifs.keytab
```

```
Keytab name: FILE:/tmp/cifs.keytab
```

```
KVNO Principal
```

```
-----
1 cifs/ipa-replica.example.com@EXAMPLE.COM
1 cifs/ipa-replica.example.com@EXAMPLE.COM
```

```
[root@ipa-server carlos]# klist -k /tmp/cifs.keytab
```

```
Keytab name: FILE:/tmp/cifs.keytab
```

```
KVNO Principal
```

```
-----
```

```
1 cifs/ipa-replica.example.com@EXAMPLE.COM
```

```
1 cifs/ipa-replica.example.com@EXAMPLE.COM
```

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

```
Keytab name: FILE:/etc/krb5.keytab
```

```
KVNO Principal
```

```
-----
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-server.example.com@EXAMPLE.COM
```

```
2 host/ipa-replica.example.com@EXAMPLE.COM
```

```
2 host/ipa-replica.example.com@EXAMPLE.COM
```

Identity Management - Mozilla Firefox

Identity Management x

https://ipa-server.example.com/ipa/ui/#/e/service/details/cifs%2Fipa-replica.example.com%40EXAMPLE.COM

Google FHF LPIC-300 samba VLAN VPN ldap Poly rdesktop rdesktop packettracer

freelIPA Administrator

Identity Policy Authentication Network Services IPA Server

Users User Groups Hosts Host Groups Netgroups Services Automember

Services > cifs/ipa-replica.example.com@EXAMPLE.COM

Service: cifs/ipa-replica.example.com@EXAMPLE.COM

cifs/ipa-replica... is a member of: cifs/ipa-replica... is managed by:

Settings Roles Hosts

Refresh Revert Save Actions

Service Settings

Principal alias cifs/ipa-replica.example.com@EXAMPLE.COM Delete

Add

Service cifs

Host Name ipa-replica.example.com

PAC type  Inherited from server configuration  Override inherited settings

MS-PAC  PAD

Provisioning

Status  Kerberos Key Present, Service Provisioned

Service Certificate

Certificates Add

```
[root@ipa-server carlos]# ktutil
```

```
ktutil: read_kt /etc/krb5.keytab
```

```
ktutil: l
```

```
slot KVNO Principal
```

```
-----  
1 2 host/ipa-server.example.com@EXAMPLE.COM  
2 2 host/ipa-server.example.com@EXAMPLE.COM  
3 2 host/ipa-server.example.com@EXAMPLE.COM  
4 2 host/ipa-server.example.com@EXAMPLE.COM  
5 2 host/ipa-server.example.com@EXAMPLE.COM  
6 2 host/ipa-server.example.com@EXAMPLE.COM  
7 2 host/ipa-replica.example.com@EXAMPLE.COM  
8 2 host/ipa-replica.example.com@EXAMPLE.COM
```

```
ktutil: write_kt /tmp/cifs.keytab
```

```
ktutil: q
```

```
[root@ipa-server carlos]# klist -k /tmp/cifs.keytab
```

```
Keytab name: FILE:/tmp/cifs.keytab
```

```
KVNO Principal
```

```
-----  
1 cifs/ipa-replica.example.com@EXAMPLE.COM  
1 cifs/ipa-replica.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-replica.example.com@EXAMPLE.COM  
2 host/ipa-replica.example.com@EXAMPLE.COM
```

```
[root@ipa-server carlos]# scp /tmp/cifs.keytab /etc/krb5.keytab
```

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

```
Keytab name: FILE:/etc/krb5.keytab
```

```
KVNO Principal
```

```
-----  
1 cifs/ipa-replica.example.com@EXAMPLE.COM  
1 cifs/ipa-replica.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-server.example.com@EXAMPLE.COM  
2 host/ipa-replica.example.com@EXAMPLE.COM  
2 host/ipa-replica.example.com@EXAMPLE.COM
```

```
[root@ipa-server carlos]# certutil -R -d /etc/pki/ca-request/ -a -g 1024 -s "CN=cifs/ipa-replica.example.com,O=EXAMPLE.COM" > /etc/pki/ca-request/cifs.csr
```

```
Enter Password or Pin for "NSS Certificate DB":
```

A random seed must be generated that will be used in the creation of your key. One of the easiest ways to create a

random seed is to use the timing of keystrokes on a keyboard.

To begin, type keys on the keyboard until this progress meter is full. DO NOT USE THE AUTOREPEAT FUNCTION ON YOUR KEYBOARD!

Continue typing until the progress meter is full:

```
|*****|
```

Finished. Press enter to continue:

Generating key. This may take a few moments...

```
[root@ipa-server carlos]# ls /etc/pki/ca-request/  
cert8.db cifs.csr key3.db secmod.db
```