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IPA server

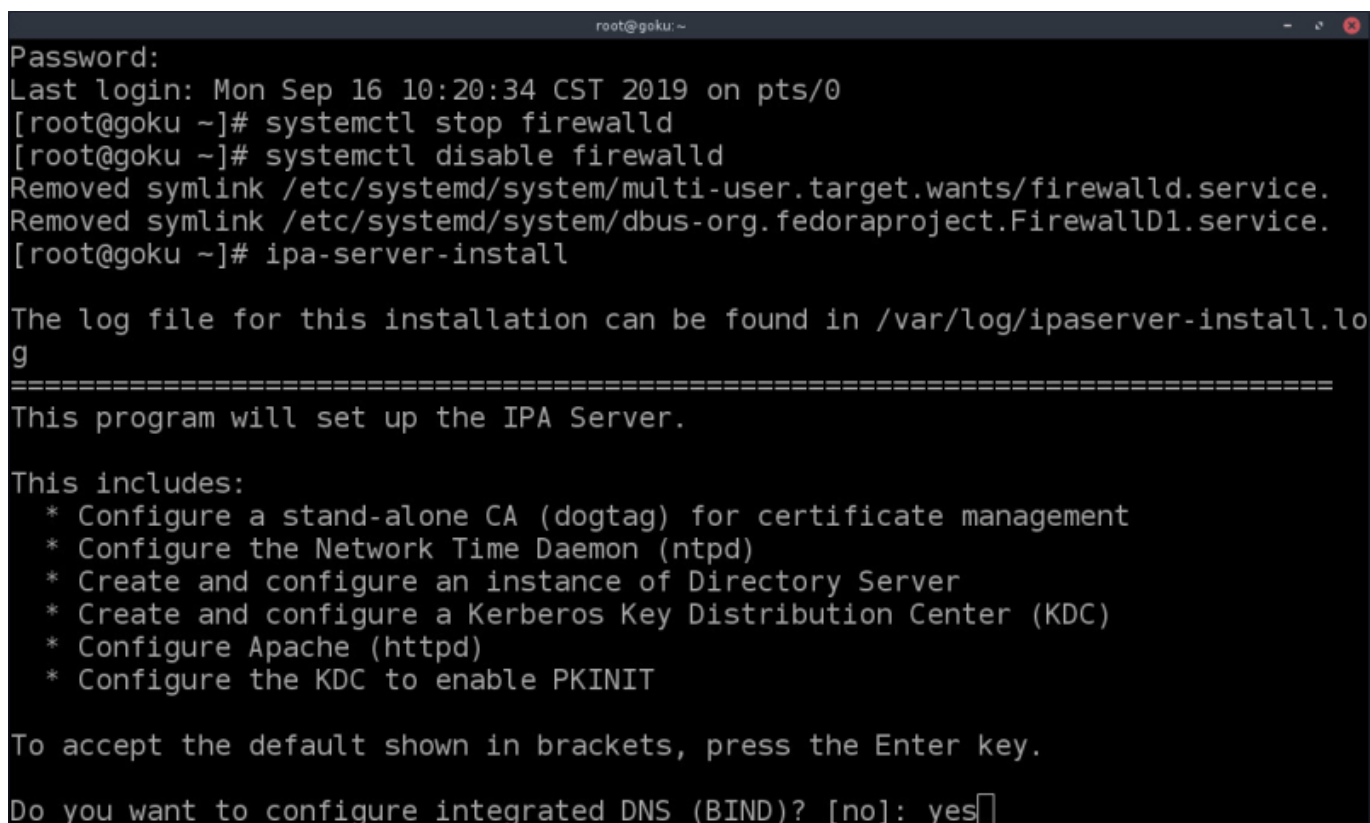
Install

```
$ sudo yum install ipa-server ipa-server-dns
```

CentOS 8

```
firewall-cmd --add-service={freeipa-ldap,freeipa-ldaps,dns,ntp} --permanent
firewall-cmd --reload
dnf module enable idm:DL1
dnf distro-sync
dnf install ipa-server ipa-server-dns
ipa-server-install
```

Configure



```
root@goku: ~
Password:
Last login: Mon Sep 16 10:20:34 CST 2019 on pts/0
[root@goku ~]# systemctl stop firewalld
[root@goku ~]# systemctl disable firewalld
Removed symlink /etc/systemd/system/multi-user.target.wants/firewalld.service.
Removed symlink /etc/systemd/system/dbus-org.fedoraproject.FirewallD1.service.
[root@goku ~]# ipa-server-install

The log file for this installation can be found in /var/log/ipaserver-install.log
=====
This program will set up the IPA Server.

This includes:
* Configure a stand-alone CA (dogtag) for certificate management
* Configure the Network Time Daemon (ntpd)
* Create and configure an instance of Directory Server
* Create and configure a Kerberos Key Distribution Center (KDC)
* Configure Apache (httpd)
* Configure the KDC to enable PKINIT

To accept the default shown in brackets, press the Enter key.

Do you want to configure integrated DNS (BIND)? [no]: yes
```

```
root@goku: ~  
[root@goku ~]# ipa-server-install  
  
The log file for this installation can be found in /var/log/ipaserver-install.log  
=====
```

This program will set up the IPA Server.

This includes:

- * Configure a stand-alone CA (dogtag) for certificate management
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- * Configure Apache (httpd)
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To accept the default shown in brackets, press the Enter key.

Do you want to configure integrated DNS (BIND)? [no]: yes

```
root@goku: ~  
The log file for this installation can be found in /var/log/ipaserver-install.log  
=====
```

This program will set up the IPA Server.

This includes:

- * Configure a stand-alone CA (dogtag) for certificate management
- * Configure the Network Time Daemon (ntpd)
- * Create and configure an instance of Directory Server
- * Create and configure a Kerberos Key Distribution Center (KDC)
- * Configure Apache (httpd)
- * Configure the KDC to enable PKINIT

To accept the default shown in brackets, press the Enter key.

Do you want to configure integrated DNS (BIND)? [no]: yes

Enter the fully qualified domain name of the computer on which you're setting up server software. Using the form <hostname>.<domainname>
Example: master.example.com.

Server host name [goku.dragonball.com]:

```
root@goku: ~  
This includes:  
* Configure a stand-alone CA (dogtag) for certificate management  
* Configure the Network Time Daemon (ntpd)  
* Create and configure an instance of Directory Server  
* Create and configure a Kerberos Key Distribution Center (KDC)  
* Configure Apache (httpd)  
* Configure the KDC to enable PKINIT  
  
To accept the default shown in brackets, press the Enter key.  
  
Do you want to configure integrated DNS (BIND)? [no]: yes  
  
Enter the fully qualified domain name of the computer  
on which you're setting up server software. Using the form  
<hostname>.<domainname>  
Example: master.example.com.  
  
Server host name [goku.dragonball.com]:  
  
Warning: skipping DNS resolution of host goku.dragonball.com  
The domain name has been determined based on the host name.  
  
Please confirm the domain name [dragonball.com]:   
  
root@goku: ~  
* Configure Apache (httpd)  
* Configure the KDC to enable PKINIT  
  
To accept the default shown in brackets, press the Enter key.  
  
Do you want to configure integrated DNS (BIND)? [no]: yes  
  
Enter the fully qualified domain name of the computer  
on which you're setting up server software. Using the form  
<hostname>.<domainname>  
Example: master.example.com.  
  
Server host name [goku.dragonball.com]:  
  
Warning: skipping DNS resolution of host goku.dragonball.com  
The domain name has been determined based on the host name.  
  
Please confirm the domain name [dragonball.com]:  
  
The kerberos protocol requires a Realm name to be defined.  
This is typically the domain name converted to uppercase.  
  
Please provide a realm name [DRAGONBALL.COM]: 
```

```
root@goku: ~  
on which you're setting up server software. Using the form  
<hostname>.<domainname>  
Example: master.example.com.  
  
Server host name [goku.dragonball.com]:  
  
Warning: skipping DNS resolution of host goku.dragonball.com  
The domain name has been determined based on the host name.  
  
Please confirm the domain name [dragonball.com]:  
  
The kerberos protocol requires a Realm name to be defined.  
This is typically the domain name converted to uppercase.  
  
Please provide a realm name [DRAGONBALL.COM]:  
Certain directory server operations require an administrative user.  
This user is referred to as the Directory Manager and has full access  
to the Directory for system management tasks and will be added to the  
instance of directory server created for IPA.  
The password must be at least 8 characters long.  
  
Directory Manager password:  
Password (confirm):   
  
root@goku: ~  
Warning: skipping DNS resolution of host goku.dragonball.com  
The domain name has been determined based on the host name.  
  
Please confirm the domain name [dragonball.com]:  
  
The kerberos protocol requires a Realm name to be defined.  
This is typically the domain name converted to uppercase.  
  
Please provide a realm name [DRAGONBALL.COM]:  
Certain directory server operations require an administrative user.  
This user is referred to as the Directory Manager and has full access  
to the Directory for system management tasks and will be added to the  
instance of directory server created for IPA.  
The password must be at least 8 characters long.  
  
Directory Manager password:  
Password (confirm):   
  
The IPA server requires an administrative user, named 'admin'.  
This user is a regular system account used for IPA server administration.  
  
IPA admin password:  
Password (confirm): 
```

```
root@goku: ~  
Please confirm the domain name [dragonball.goku]:  
  
The kerberos protocol requires a Realm name to be defined.  
This is typically the domain name converted to uppercase.  
  
Please provide a realm name [DRAGONBALL.GOKU]:  
Certain directory server operations require an administrative user.  
This user is referred to as the Directory Manager and has full access  
to the Directory for system management tasks and will be added to the  
instance of directory server created for IPA.  
The password must be at least 8 characters long.  
  
Directory Manager password:  
Password (confirm):  
  
The IPA server requires an administrative user, named 'admin'.  
This user is a regular system account used for IPA server administration.  
  
IPA admin password:  
Password (confirm):  
  
Checking DNS domain dragonball.goku., please wait ...  
Do you want to configure DNS forwarders? [yes]: 
```

```
root@goku: ~  
The kerberos protocol requires a Realm name to be defined.  
This is typically the domain name converted to uppercase.  
  
Please provide a realm name [DRAGONBALL.GOKU]:  
Certain directory server operations require an administrative user.  
This user is referred to as the Directory Manager and has full access  
to the Directory for system management tasks and will be added to the  
instance of directory server created for IPA.  
The password must be at least 8 characters long.  
  
Directory Manager password:  
Password (confirm):  
  
The IPA server requires an administrative user, named 'admin'.  
This user is a regular system account used for IPA server administration.  
  
IPA admin password:  
Password (confirm):  
  
Checking DNS domain dragonball.goku., please wait ...  
Do you want to configure DNS forwarders? [yes]:  
Following DNS servers are configured in /etc/resolv.conf: 192.168.122.1  
Do you want to configure these servers as DNS forwarders? [yes]: 
```

```
root@goku: ~  
Directory Manager password:  
Password (confirm):  
  
The IPA server requires an administrative user, named 'admin'.  
This user is a regular system account used for IPA server administration.  
  
IPA admin password:  
Password (confirm):  
  
Checking DNS domain dragonball.goku., please wait ...  
Do you want to configure DNS forwarders? [yes]:  
Following DNS servers are configured in /etc/resolv.conf: 192.168.122.1  
Do you want to configure these servers as DNS forwarders? [yes]:  
All DNS servers from /etc/resolv.conf were added. You can enter additional addresses now:  
Enter an IP address for a DNS forwarder, or press Enter to skip:  
Checking DNS forwarders, please wait ...  
DNS server 192.168.122.1: answer to query '. SOA' is missing DNSSEC signatures (no RRSIG data)  
Please fix forwarder configuration to enable DNSSEC support.  
(For BIND 9 add directive "dnssec-enable yes;" to "options {}")  
WARNING: DNSSEC validation will be disabled  
Do you want to search for missing reverse zones? [yes]: 
```

```
root@goku: ~  
Password (confirm):  
  
The IPA server requires an administrative user, named 'admin'.  
This user is a regular system account used for IPA server administration.  
  
IPA admin password:  
Password (confirm):  
  
Checking DNS domain dragonball.goku., please wait ...  
Do you want to configure DNS forwarders? [yes]:  
Following DNS servers are configured in /etc/resolv.conf: 192.168.122.1  
Do you want to configure these servers as DNS forwarders? [yes]:  
All DNS servers from /etc/resolv.conf were added. You can enter additional addresses now:  
Enter an IP address for a DNS forwarder, or press Enter to skip:  
Checking DNS forwarders, please wait ...  
DNS server 192.168.122.1: answer to query '. SOA' is missing DNSSEC signatures (no RRSIG data)  
Please fix forwarder configuration to enable DNSSEC support.  
(For BIND 9 add directive "dnssec-enable yes;" to "options {}")  
WARNING: DNSSEC validation will be disabled  
Do you want to search for missing reverse zones? [yes]:  
Do you want to create reverse zone for IP 192.168.122.249 [yes]:  
Please specify the reverse zone name [122.168.192.in-addr.arpa.]: 
```



```
root@goku: ~
Enter an IP address for a DNS forwarder, or press Enter to skip:
Checking DNS forwarders, please wait ...
DNS server 192.168.122.1: answer to query '. SOA' is missing DNSSEC signatures (
no RRSIG data)
Please fix forwarder configuration to enable DNSSEC support.
(For BIND 9 add directive "dnssec-enable yes;" to "options {}")
WARNING: DNSSEC validation will be disabled
Do you want to search for missing reverse zones? [yes]:
Do you want to create reverse zone for IP 192.168.122.249 [yes]:
Please specify the reverse zone name [122.168.192.in-addr.arpa.]:
Using reverse zone(s) 122.168.192.in-addr.arpa.

The IPA Master Server will be configured with:
Hostname:      goku.dragonball.goku
IP address(es): 192.168.122.249
Domain name:   dragonball.goku
Realm name:    DRAGONBALL.GOKU

BIND DNS server will be configured to serve IPA domain with:
Forwarders:    192.168.122.1
Forward policy: only
Reverse zone(s): 122.168.192.in-addr.arpa.

Continue to configure the system with these values? [no]: yes
```

Uninstall

```
ipa-server ipa-server-dns ipa-client ipa-client-common ipa-common ipa-
server-common krb5-pkinit krb5-workstation pki-base pki-base-java pki-ca
pki-kra pki-tools python2-ipaclient python2-ipalib python2-ipaserver sssd
sssd-ad sssd-common sssd-client python-sssdconfig 389-ds-base 389-ds-base-
libs krb5-server
```

From:
<https://estebanmonge.site/> - **Esteban Monge**

Permanent link:
<https://estebanmonge.site/doku.php?id=ipa>

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