DNS configuration in centos6

IP Address :192.168.119.159

Hostname :naggix.server.com

----set hostname-----in cent6

vi /etc/sysconfig/network

NETWORKING=yes

HOSTNAME=naggix.server.com #######Add this line if doesn't have

step1:

first of all you have to install bind ,caching

yum install bind\* caching\* -y

Step2:

Update the /etc/hosts file

vi /etc/hosts

192.168.119.159 naggix.server.com ######add this line

Step3:

Edit the configuration file “/etc/named.conf

!!!!! on line number 11 you have to add ipaddress (192.168.119.159)as follow

listen-on port 53 { 127.0.0.1;192.168.119.159; };

!!!!!! on line number 17 you have to add allowing networks like as follow(here i give any;)

allow-query { localhost;any; };

Step4:

To add the details of the zones i.e. forward lookup zone and reverse lookup zone we need to edit the /etc/named.rfc1912.zones file

vim /etc/named.rfc1912.zones

Add the following lines as per your SERVER NAME and IPADDRESs

zone "server.com" IN { ###### here i added server name(i.e "server.com" )

type master;

file "dns.flz";(####add forward lookupzone file(here dns.flz)

allow-update { none; };

};

zone "119.168.192.in-addr.arpa" IN { ########here i'm added network Address reverse (119.168.192)

type master;

file "dns.rlz";(#######Add the reverse lookupzone file(here dns.rlz))

allow-update { none; };

};

A - Host's IP address. Address record allowing a computer name to be translated into an IP address. Each computer must have this record for its IP address to be located. These names are not assigned for clients that have dynamically assigned IP addresses, but are a must for locating servers with static IP addresses.

PTR - Host’s domain name, host identified by its IP address

CNAME - Host’s canonical name allows additional names or aliases to be used to locate a computer.

MX - Host’s or domain’s mail exchanger.

NS - Host’s or domain’s name server(s).

SOA - Indicates authority for the domain (Start of Authority)

TXT - Generic text record

SRV - Service location record

RP - Responsible person

HINFO - Host information record with CPU type and operating system

cp named.localhost dns.flz

cp named.loopback dns.rlz

chmod 755 dns.flz

chmod 755 dns.rlz

edit the dns.flz file

$TTL 1D

@ IN SOA naggix.server.com. rname.invalid. (#####here you have to delete "@" and add naggix.server.com.)

0 ; serial

1D ; refresh

1H ; retry

1W ; expire

3H ) ; minimum

NS naggix.server.com. ((#####here you have to delete "@" and add naggix.server.com.)

naggix A 192.168.119.159 (#####here you have to add naggix before A 192.168.119.159 after A

AAAA ::1

edit the dns.rlz file

$TTL 1D

@ IN SOA naggix.server.com. rname.invalid. (

0 ; serial

1D ; refresh

1H ; retry

1W ; expire

3H ) ; minimum

NS naggix.server.com. ((#####here you have to delete "@" and add naggix.server.com.)

naggix A 192.168.119.159 (#####here you have to add naggix before A 192.168.119.159 after A 159 PTR naggix.server.com.

And also you have edit /etc/resolv.conf file

vi /etc/resolv.conf

Add the following line

nameserver 192.168.119.159 (#####change the IPaddress)

output::

[root@naggix named]# nslookup 192.168.119.159

Server: 192.168.119.159

Address: 192.168.119.159#53

159.119.168.192.in-addr.arpa name = naggix.server.com.

[root@naggix named]# nslookup naggix.server.com

Server: 192.168.119.159

Address: 192.168.119.159#53

Name: naggix.server.com

Address: 192.168.119.159