

File Edit View Search Terminal Help

```
[root@ol6-agrac-rac1 Packages]# ls -la bind*
-rw-r--r--. 1 oracle oinstall 4170724 Aug 27 2013 bind-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 72088 Aug 27 2013 bind-chroot-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 70132 Nov 22 2013 bind-dyndb-ldap-2.3-5.el6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 910280 Aug 27 2013 bind-libs-9.8.2-0.17.rc1.0.2.el6_4.6.i686.rpm
-rw-r--r--. 1 oracle oinstall 899128 Aug 27 2013 bind-libs-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 186140 Aug 27 2013 bind-utils-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
[root@ol6-agrac-rac1 Packages]# rpm -Uvh bind-*x86_64.rpm
warning: bind-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID ec551f03: NOKEY
Preparing... ##### [100%]
package bind-libs-32:9.8.2-0.17.rc1.0.2.el6_4.6.x86_64 is already installed
package bind-utils-32:9.8.2-0.17.rc1.0.2.el6_4.6.x86_64 is already installed
[root@ol6-agrac-rac1 Packages]#
```

```
[root@ol6-agraac-rac1 Packages]# ls -la bind*
-rw-r--r--. 1 oracle oinstall 4170724 Aug 27 2013 bind-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 72088 Aug 27 2013 bind-chroot-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 70132 Nov 22 2013 bind-dyndb-ldap-2.3-5.el6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 910280 Aug 27 2013 bind-libs-9.8.2-0.17.rc1.0.2.el6_4.6.i686.rpm
-rw-r--r--. 1 oracle oinstall 899128 Aug 27 2013 bind-libs-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
-rw-r--r--. 1 oracle oinstall 186140 Aug 27 2013 bind-utils-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm
[root@ol6-agraac-rac1 Packages]# rpm -Uvh bind-9*
warning: bind-9.8.2-0.17.rc1.0.2.el6_4.6.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID ec551f03: NOKEY
Preparing... ##### [100%]
 1:bind ##### [100%]
[root@ol6-agraac-rac1 Packages]# cd /
[root@ol6-agraac-rac1 /]# cat /etc/hosts
```

```
[root@ol6-agrac-rac1 /]# cat /etc/named.conf
//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a localhost DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
options {
    listen-on port 53 { 127.0.0.1; };
    listen-on-v6 port 53 { ::1; };
    directory      "/var/named";
    dump-file      "/var/named/data/cache_dump.db";
    statistics-file "/var/named/data/named_stats.txt";
    memstatistics-file "/var/named/data/named_mem_stats.txt";
    allow-query    { localhost; };
    recursion yes;

    dnssec-enable yes;
    dnssec-validation yes;
    dnssec-lookaside auto;

    /* Path to ISC DLV key */
    bindkeys-file "/etc/named.iscdlv.key";

    managed-keys-directory "/var/named/dynamic";
};

logging {
    channel default_debug {
        file "data/named.run";
        severity dynamic;
    };
};
```

```
zone "." IN {  
    type hint;  
    file "named.ca";  
};
```

```
include "/etc/named.rfc1912.zones";  
include "/etc/named.root.key";
```

```
[root@ol6-agrac-rac1 ~]# gedit /etc/named.conf  
[root@ol6-agrac-rac1 ~]# █
```

```
[root@ol6-agraac-rac1 /]# ls -la /etc/named*  
-rw-r-----. 1 root named 1008 Jul 19 2010 /etc/named.conf  
-rw-r--r--. 1 root named 2389 Aug 27 2013 /etc/named.iscdlv.key  
-rw-r-----. 1 root named 931 Jun 21 2007 /etc/named.rfc1912.zones  
-rw-r--r--. 1 root named 487 Jul 19 2010 /etc/named.root.key
```

```
/etc/named:
```

```
total 16
```

```
drwxr-x---. 2 root named 4096 Aug 27 2013 .
```

```
drwxr-xr-x. 120 root root 12288 Jan 19 14:16 ..
```

```
[root@ol6-agraac-rac1 /]# gedit /etc/named.conf
```

```
//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a localhost DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//

options {
    listen-on port 53 { 127.0.0.1; 192.168.0.111; };
    listen-on-v6 port 53 { ::1; };
    directory      "/var/named";
    dump-file      "/var/named/data/cache_dump.db";
    statistics-file "/var/named/data/named_stats.txt";
    memstatistics-file "/var/named/data/named_mem_stats.txt";
    allow-query    { localhost; 192.168.0.0/24; };
    recursion yes;

    dnssec-enable yes;
    dnssec-validation yes;
    dnssec-lookaside auto;

    /* Path to ISC DLV key */
    bindkeys-file "/etc/named.iscdlv.key";

    managed-keys-directory "/var/named/dynamic";
};

logging {
    channel default_debug {
        file "data/named.run";
        severity dynamic;
    };
};

zone "." IN {
    type hint;
    file "named.ca";
};

include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";
```

```
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a localhost DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
```

```
options {
    listen-on port 53 { 127.0.0.1; 192.168.0.111; };
    listen-on-v6 port 53 { ::1; };
    directory "/var/named";
    dump-file "/var/named/data/cache_dump.db";
    statistics-file "/var/named/data/named_stats.txt";
    memstatistics-file "/var/named/data/named_mem_stats.txt";
    allow-query { localhost; 192.168.0.0/24; };
    recursion yes;

    dnssec-enable yes;
    dnssec-validation yes;
    dnssec-lookaside auto;

    /* Path to ISC DLV key */
    bindkeys-file "/etc/named.iscdlv.key";

    managed-keys-directory "/var/named/dynamic";
};
```

```
logging {
    channel default_debug {
        file "data/named.run";
        severity dynamic;
    };
};
```

```
//zone "." IN {
//     type hint;
//     file "named.ca";
//};
```

```
zone "." IN {
    type hint;
    file "/dev/null";
};
```

```
include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";
```



```
zone "0.168.192.in-addr.arpa" IN {  
    type master;  
    file "0.168.192.in-addr.arpa";  
    allow-update { none; };  
};
```

```
zone "0.in-addr.arpa" IN {  
    type master;  
    file "named.empty";  
    allow-update { none; };  
};
```

```
[root@ol6-agrac-rac1 ~]# gedit /etc/named.rfc1912.zones
[root@ol6-agrac-rac1 ~]# ls -la /var/named
total 44
drwxr-x---.  5 root  named 4096 Jan 21 14:39 .
drwxr-xr-x. 23 root  root  4096 Jan 19 14:15 ..
-rw-r--r--.  1 root  root   781 Jan 20 00:33 0.168.192.in-addr.arpa
drwxrwx---.  2 named named 4096 Aug 27  2013 data
drwxrwx---.  2 named named 4096 Jan 21 14:50 dynamic
-rw-r--r--.  1 root  root   909 Jan 20 00:46 localdomain.zone
-rw-r-----.  1 root  named 1892 Feb 18  2008 named.ca
-rw-r-----.  1 root  named  152 Dec 15  2009 named.empty
-rw-r-----.  1 root  named  152 Jun 21  2007 named.localhost
-rw-r-----.  1 root  named  168 Dec 15  2009 named.loopback
drwxrwx---.  2 named named 4096 Aug 27  2013 slaves
[root@ol6-agrac-rac1 ~]# █
```



localdomain.zone

```
$TTL      86400
@         IN SOA localhost root.localhost (
                42           ; serial (d. adams)
                3H           ; refresh
                15M          ; retry
                1W           ; expiry
                1D )         ; minimum
         IN NS  localhost

localhost      IN A    127.0.0.1
ol6-agrac-rac1 IN A    192.168.0.111
ol6-agrac-rac2 IN A    192.168.0.112
ol6-agrac-rac1-priv IN A  192.168.1.111
ol6-agrac-rac2-priv IN A  192.168.1.112
ol6-agrac-rac1-vip IN A  192.168.0.113
ol6-agrac-rac2-vip IN A  192.168.0.114
ol6-agrac-scan  IN A    192.168.0.115
ol6-agrac-scan  IN A    192.168.0.116
ol6-agrac-scan  IN A    192.168.0.117
```



0.168.192.in-addr.arpa X

```
$ORIGIN 0.168.192.in-addr.arpa.
$TTL 1H
@      IN      SOA      ol6-agrac-rac1.localdomain.  root.ol6-agrac-rac1.localdomain. (
                                2
                                3H
                                1H
                                1W
                                1H )
0.168.192.in-addr.arpa.      IN NS      ol6-agrac-rac1.localdomain.|

111     IN PTR   ol6-agrac-rac1.localdomain.
112     IN PTR   ol6-agrac-rac2.localdomain.
113     IN PTR   ol6-agrac-rac1-vip.localdomain.
114     IN PTR   ol6-agrac-rac2-vip.localdomain.
115     IN PTR   ol6-agrac-scan.localdomain.
116     IN PTR   ol6-agrac-scan.localdomain.
117     IN PTR   ol6-agrac-scan.localdomain.
```

```
[root@ol6-agracc-rac1 ~]# cat /var/named/localdomain.zone
```

```
$TTL      86400
@         IN SOA  localhost root.localhost (
                        42          ; serial (d. adams)
                        3H          ; refresh
                        15M         ; retry
                        1W          ; expiry
                        1D )        ; minimum

localhost IN NS   localhost
localhost IN A   127.0.0.1
ol6-agracc-rac1 IN A 192.168.0.111
ol6-agracc-rac2 IN A 192.168.0.112
ol6-agracc-rac1-priv IN A 192.168.1.111
ol6-agracc-rac2-priv IN A 192.168.1.112
ol6-agracc-rac1-vip IN A 192.168.0.113
ol6-agracc-rac2-vip IN A 192.168.0.114
ol6-agracc-scan IN A 192.168.0.115
ol6-agracc-scan IN A 192.168.0.116
ol6-agracc-scan IN A 192.168.0.117
```

```
[root@ol6-agracc-rac1 ~]# cat /var/named/0.168.192.in-addr.arpa
```

```
$ORIGIN 0.168.192.in-addr.arpa.
$TTL 1H
@      IN      SOA      ol6-agracc-rac1.localdomain.  root.ol6-agracc-rac1.localdomain. (
                        3H
                        1H
                        1W
                        1H )

0.168.192.in-addr.arpa.      IN NS      ol6-agracc-rac1.localdomain.

111      IN PTR   ol6-agracc-rac1.localdomain.
112      IN PTR   ol6-agracc-rac2.localdomain.
113      IN PTR   ol6-agracc-rac1-vip.localdomain.
114      IN PTR   ol6-agracc-rac2-vip.localdomain.
115      IN PTR   ol6-agracc-scan.localdomain.
116      IN PTR   ol6-agracc-scan.localdomain.
117      IN PTR   ol6-agracc-scan.localdomain.
```

```
[root@ol6-agracc-rac1 ~]# █
```

```
[root@ol6-agrac-rac1 ~]# cat /var/named/named.empty
```

```
$TTL 3H
@       IN SOA  @ rname.invalid. (
                                0       ; serial
                                1D      ; refresh
                                1H      ; retry
                                1W      ; expire
                                3H )    ; minimum

NS      @
A       127.0.0.1
AAAA   ::1
```

```
[root@ol6-agrac-rac1 ~]# cat /var/named/named.localhost
```

```
$TTL 1D
@       IN SOA  @ rname.invalid. (
                                0       ; serial
                                1D      ; refresh
                                1H      ; retry
                                1W      ; expire
                                3H )    ; minimum

NS      @
A       127.0.0.1
AAAA   ::1
```

```
[root@ol6-agrac-rac1 ~]# cat /var/named/named.loopback
```

```
$TTL 1D
@       IN SOA  @ rname.invalid. (
                                0       ; serial
                                1D      ; refresh
                                1H      ; retry
                                1W      ; expire
                                3H )    ; minimum

NS      @
A       127.0.0.1
AAAA   ::1
PTR     localhost.
```

```
[root@ol6-agrac-rac1 ~]#
```

```
[root@ol6-agrac-rac1 ~]# cat /etc/resolv.conf
# Generated by NetworkManager
search localdomain
nameserver 192.168.0.111
[root@ol6-agrac-rac1 ~]# service named start
Starting named: [ OK ]
[root@ol6-agrac-rac1 ~]# service named status
version: 9.8.2rc1-RedHat-9.8.2-0.17.rc1.0.2.el6_4.6
CPUs found: 1
worker threads: 1
number of zones: 21
debug level: 0
xfers running: 0
xfers deferred: 0
soa queries in progress: 0
query logging is OFF
recursive clients: 0/0/1000
tcp clients: 0/100
server is up and running
named (pid 3983) is running...
[root@ol6-agrac-rac1 ~]# chkconfig named on
[root@ol6-agrac-rac1 ~]# reboot
```



```
[root@ol6-agrac-rac1 ~]# service named status
version: 9.8.2rc1-RedHat-9.8.2-0.17.rc1.0.2.el6_4.6
CPUs found: 1
worker threads: 1
number of zones: 21
debug level: 0
xfers running: 0
xfers deferred: 0
soa queries in progress: 0
query logging is OFF
recursive clients: 2/0/1000
tcp clients: 0/100
server is up and running
named (pid 1929) is running...
[root@ol6-agrac-rac1 ~]# █
```

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```
[oracle@ol6-agrac-rac1 ~]$ cat /etc/hosts
127.0.0.1    localhost localhost.localdomain localhost4 localhost4.localdomain4
::1        localhost localhost.localdomain localhost6 localhost6.localdomain6
```

Public

```
192.168.0.111 ol6-agrac-rac1.localdomain ol6-agrac-rac1
192.168.0.112 ol6-agrac-rac2.localdomain ol6-agrac-rac2
```

Private

```
192.168.1.111 ol6-agrac-rac1-priv.localdomain ol6-agrac-rac1-priv
192.168.1.112 ol6-agrac-rac2-priv.localdomain ol6-agrac-rac2-priv
```

Virtual

```
192.168.0.113 ol6-agrac-rac1-vip.localdomain ol6-agrac-rac1-vip
192.168.0.114 ol6-agrac-rac2-vip.localdomain ol6-agrac-rac2-vip
```

SCAN

```
192.168.0.115 ol6-agrac-scan.localdomain ol6-agrac-scan
192.168.0.116 ol6-agrac-scan.localdomain ol6-agrac-scan
192.168.0.117 ol6-agrac-scan.localdomain ol6-agrac-scan
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup localhost
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
Name:   localhost.localdomain
Address: 127.0.0.1
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup 127.0.0.1
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
1.0.0.127.in-addr.arpa name = localhost.
```

```
[oracle@ol6-agrac-rac1 ~]$
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac1
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac1.localdomain
Address: 192.168.0.111
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac2
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac2.localdomain
Address: 192.168.0.112
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac1-priv
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac1-priv.localdomain
Address: 192.168.1.111
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac2-priv
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac2-priv.localdomain
Address: 192.168.1.112
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac1-vip
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac1-vip.localdomain
Address: 192.168.0.113
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-rac2-vip
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-rac2-vip.localdomain
Address: 192.168.0.114
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup ol6-agrac-scan
Server:      192.168.0.111
Address:    192.168.0.111#53
```

```
Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.115
```

```
Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.116
```

```
Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.117
```

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```
[oracle@ol6-agrac-rac1 ~]$  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.111  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
111.0.168.192.in-addr.arpa      name = ol6-agrac-rac1.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.112  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
112.0.168.192.in-addr.arpa      name = ol6-agrac-rac2.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.113  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
113.0.168.192.in-addr.arpa      name = ol6-agrac-rac1-vip.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.114  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
114.0.168.192.in-addr.arpa      name = ol6-agrac-rac2-vip.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.115  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
115.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.116  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
116.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$ nslookup 192.168.0.117  
Server:          192.168.0.111  
Address:         192.168.0.111#53  
  
117.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.  
  
[oracle@ol6-agrac-rac1 ~]$
```

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```
[oracle@ol6-agracc-rac2 ~]$ cat /etc/resolv.conf
```

```
# Generated by NetworkManager
```

```
search localdomain
```

```
nameserver 192.168.0.111
```

```
[oracle@ol6-agracc-rac2 ~]$ cat /etc/hosts
```

```
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
```

```
:::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
```

```
# Public
```

```
192.168.0.111 ol6-agracc-rac1.localdomain ol6-agracc-rac1
```

```
192.168.0.112 ol6-agracc-rac2.localdomain ol6-agracc-rac2
```

```
# Private
```

```
192.168.1.111 ol6-agracc-rac1-priv.localdomain ol6-agracc-rac1-priv
```

```
192.168.1.112 ol6-agracc-rac2-priv.localdomain ol6-agracc-rac2-priv
```

```
# Virtual
```

```
192.168.0.113 ol6-agracc-rac1-vip.localdomain ol6-agracc-rac1-vip
```

```
192.168.0.114 ol6-agracc-rac2-vip.localdomain ol6-agracc-rac2-vip
```

```
# SCAN
```

```
192.168.0.115 ol6-agracc-scan.localdomain ol6-agracc-scan
```

```
192.168.0.116 ol6-agracc-scan.localdomain ol6-agracc-scan
```

```
192.168.0.117 ol6-agracc-scan.localdomain ol6-agracc-scan
```

```
[oracle@ol6-agracc-rac2 ~]$ nslookup localhost
```

```
Server: 192.168.0.111
```

```
Address: 192.168.0.111#53
```

```
Name: localhost.localdomain
```

```
Address: 127.0.0.1
```

```
[oracle@ol6-agracc-rac2 ~]$ nslookup 127.0.0.1
```

```
Server: 192.168.0.111
```

```
Address: 192.168.0.111#53
```

```
1.0.0.127.in-addr.arpa name = localhost.
```

```
[oracle@ol6-agracc-rac2 ~]$ █
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac1
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac1.localdomain
Address: 192.168.0.111

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac2
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac2.localdomain
Address: 192.168.0.112

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac1-priv
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac1-priv.localdomain
Address: 192.168.1.111

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac2-priv
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac2-priv.localdomain
Address: 192.168.1.112

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac1-vip
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac1-vip.localdomain
Address: 192.168.0.113

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-rac2-vip
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-rac2-vip.localdomain
Address: 192.168.0.114

[oracle@ol6-agrac-rac2 ~]$ nslookup ol6-agrac-scan
Server:      192.168.0.111
Address:    192.168.0.111#53

Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.117
Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.115
Name:   ol6-agrac-scan.localdomain
Address: 192.168.0.116
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.111
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
111.0.168.192.in-addr.arpa      name = ol6-agrac-rac1.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.112
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
112.0.168.192.in-addr.arpa      name = ol6-agrac-rac2.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.113
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
113.0.168.192.in-addr.arpa      name = ol6-agrac-rac1-vip.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.114
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
114.0.168.192.in-addr.arpa      name = ol6-agrac-rac2-vip.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.115
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
115.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.116
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
116.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup 192.168.0.117
Server:      192.168.0.111
Address:     192.168.0.111#53
```

```
117.0.168.192.in-addr.arpa      name = ol6-agrac-scan.localdomain.
```

```
[oracle@ol6-agrac-rac2 ~]$
```

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```
[oracle@ol6-agrac-rac1 ~]$ nslookup www.google.com
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find www.google.com: NXDOMAIN
```

```
[oracle@ol6-agrac-rac1 ~]$ nslookup unknown-unreachable-host-name
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find unknown-unreachable-host-name: SERVFAIL
```

```
[oracle@ol6-agrac-rac1 ~]$ time nslookup www.google.com
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find www.google.com: NXDOMAIN
```

```
real    0m0.011s
```

```
user    0m0.005s
```

```
sys     0m0.005s
```

```
[oracle@ol6-agrac-rac1 ~]$ time nslookup unknown-unreachable-host-name
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find unknown-unreachable-host-name: SERVFAIL
```

```
real    0m0.011s
```

```
user    0m0.003s
```

```
sys     0m0.007s
```

```
[oracle@ol6-agrac-rac1 ~]$ █
```


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```
[oracle@ol6-agrac-rac2 ~]$ nslookup www.google.com
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find www.google.com: NXDOMAIN
```

```
[oracle@ol6-agrac-rac2 ~]$ nslookup unknown-unreachable-host-name
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find unknown-unreachable-host-name: SERVFAIL
```

```
[oracle@ol6-agrac-rac2 ~]$ time nslookup www.google.com
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find www.google.com: NXDOMAIN
```

```
real    0m0.011s
```

```
user    0m0.001s
```

```
sys     0m0.008s
```

```
[oracle@ol6-agrac-rac2 ~]$ time nslookup unknown-unreachable-host-name
```

```
Server:          192.168.0.111
Address:         192.168.0.111#53
```

```
** server can't find unknown-unreachable-host-name: SERVFAIL
```

```
real    0m0.012s
```

```
user    0m0.001s
```

```
sys     0m0.009s
```

```
[oracle@ol6-agrac-rac2 ~]$ █
```