

```

root@puddingmangga:/home/puddingmangga# apt install bind9
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
bind9 is already the newest version (1:9.16.33-1~deb11u1).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@puddingmangga:/home/puddingmangga# systemctl status bind9
● named.service - BIND Domain Name Server
   Loaded: loaded (/lib/systemd/system/named.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2022-11-04 01:13:16 PDT; 3 days ago
     Docs: man:named(8)
    Main PID: 9149 (named)
      Tasks: 5 (limit: 2337)
     Memory: 20.2M
        CPU: 838ms
    CGroup: /system.slice/named.service
            └─9149 /usr/sbin/named -f -u bind

Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './DNSKEY/IN': 192.58.128.
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './NS/IN': 192.58.128.30#53
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './DNSKEY/IN': 193.0.14.12
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './NS/IN': 193.0.14.129#53
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './DNSKEY/IN': 192.33.4.12
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './NS/IN': 192.33.4.12#53
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './DNSKEY/IN': 192.36.148.
Nov 07 02:51:28 puddingmangga named[9149]: network unreachable resolving './NS/IN': 192.36.148.17#53
Nov 07 02:51:28 puddingmangga named[9149]: managed-keys-zone: Unable to fetch DNSKEY set '': failu
Nov 07 02:51:28 puddingmangga named[9149]: resolver priming query complete
lines 1-21/21 (END)

```

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# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

# For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf
</VirtualHost>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet

root@puddingmangga:/etc/apache2/sites-available# cp aaurra.conf /etc/apache2/sites-enabled/
root@puddingmangga:/etc/apache2/sites-available# cd ..
root@puddingmangga:/etc/apache2# cd sites-enabled/
root@puddingmangga:/etc/apache2/sites-enabled# ls
000-default.conf aaurra.conf
root@puddingmangga:/etc/apache2/sites-enabled# rm 000-default.conf
root@puddingmangga:/etc/apache2/sites-enabled# l
bash: l: command not found
root@puddingmangga:/etc/apache2/sites-enabled# ls
aaarra.conf
root@puddingmangga:/etc/apache2/sites-enabled# systemctl restart apache2
root@puddingmangga:/etc/apache2/sites-enabled# ^[[C[ 6582.129753] e1000 0000:00:03:0 enp0s3: Reset a
dapter
^C
root@puddingmangga:/etc/apache2/sites-enabled# systemctl restart networking
root@puddingmangga:/etc/apache2/sites-enabled# cd /etc/bind

```

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000-default.conf  aaurra.conf
root@puddingmangga:/etc/apache2/sites-enabled# rm 000-default.conf
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root@puddingmangga:/etc/apache2/sites-enabled# cd /etc/bind
root@puddingmangga:/etc/bind# ls
bind.keys  db.127  db.empty  named.conf          named.conf.local  rndc.key
db.0       db.255  db.local  named.conf.default-zones  named.conf.options  zones.rfc1918
root@puddingmangga:/etc/bind#

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root@puddingmangga:/etc/bind# cp db.local db.aaarra
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bind.keys  db.127  db.empty  named.conf          named.conf.local  rndc.key
db.0       db.255  db.local  named.conf.default-zones  named.conf.options  zones.rfc1918
db.aaarra  db.aaarra  named.conf          named.conf.options
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root@puddingmangga:/etc/bind# ls
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db.0       db.aaarra  named.conf  named.conf.options
db.127     db.empty  named.conf.default-zones  rndc.key
root@puddingmangga:/etc/bind# nano db.aaarra

```

```

GNU nano 5.4                                db.aaarra
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      localhost. root.localhost. (
                        2      ; Serial
                        604800 ; Refresh
                        86400  ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       localhost.
@         IN      A        127.0.0.1
@         IN      AAAA     ::1

```

[Read 14 lines]

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo
 ^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^_ Go To Line M-E Redo

```
GNU nano 5.4                                db.aura *
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      aaura.com. root.aaura.com. (
                        2      ; Serial
                        604800 ; Refresh
                        86400  ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       aaura.com.
@         IN      A        192.168.5.15_
@         IN      AAAA     ::1

^G Help      ^O Write Out  ^W Where Is   ^K Cut       ^T Execute   ^C Location  M-U Undo
^X Exit      ^R Read File  ^_ Replace    ^U Paste     ^J Justify   ^_ Go To Line M-E Redo
```

```
GNU nano 5.4                                db.aura
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      aaura.com. root.aaura.com. (
                        2      ; Serial
                        604800 ; Refresh
                        86400  ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       aaura.com.
@         IN      A        192.168.5.15

root@puddingmangga:/etc/bind# cp db.127 db.15
```

```
GNU nano 5.4                                db.15 *
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      aaurra.com. root.aaurra.com. (
                        1          ; Serial
                        604800     ; Refresh
                        86400      ; Retry
                        2419200    ; Expire
                        604800 )   ; Negative Cache TTL
;
@         IN      NS       aaurra.com.
5.168.192 IN      PTR      aaurra.com.

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
^X Exit      ^R Read File  ^_ Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo
```

```
GNU nano 5.4                                db.15
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      aaurra.com. root.aaurra.com. (
                        1          ; Serial
                        604800     ; Refresh
                        86400      ; Retry
                        2419200    ; Expire
                        604800 )   ; Negative Cache TTL
;
@         IN      NS       aaurra.com.
5.168.192 IN      PTR      aaurra.com.

root@puddingmangga:/etc/bind# nano named.conf.default-zones_
```

```

GNU nano 5.4                                named.conf.default-zones *
// prime the server with knowledge of the root servers
zone "." {
    type hint;
    file "/usr/share/dns/root.hints";
};

// be authoritative for the localhost forward and reverse zones, and for
// broadcast zones as per RFC 1912

zone "aaurra.com" {
    type master;
    file "/etc/bind/db.aaurra";
};

zone "192.168.5.in-addr.arpa" {
    type master;
    file "/etc/bind/db.15";
};

zone "0.in-addr.arpa" {
    type master;
    file "/etc/bind/db.0";
};

zone "255.in-addr.arpa" {
    type master;
    file "/etc/bind/db.255";
};

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
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    file "/etc/bind/db.aaurra";
};

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    type master;
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};

zone "0.in-addr.arpa" {
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    type master;
    file "/etc/bind/db.255";
};

```

```

root@puddingmangga:/etc/bind# nano named.conf.options

```

```
GNU nano 5.4                                named.conf.options
options {
    directory "/var/cache/bind";

    // If there is a firewall between you and nameservers you want
    // to talk to, you may need to fix the firewall to allow multiple
    // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

    // If your ISP provided one or more IP addresses for stable
    // nameservers, you probably want to use them as forwarders.
    // Uncomment the following block, and insert the addresses replacing
    // the all-0's placeholder.

    // forwarders {
    //     0.0.0.0;
    // };

    //=====
    // If BIND logs error messages about the root key being expired,
    // you will need to update your keys.  See https://www.isc.org/bind-keys
    //=====
    dnssec-validation auto;

    listen-on-v6 { any; };
};

[ Read 24 lines ]
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
^X Exit      ^R Read File  ^_ Replace    ^U Paste      ^J Justify    ^_ Go To Line M-E Redo
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    forwarders {
        192.168.5.15;
    };

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    forwarders {
        192.168.5.15;
    };

    //=====
    // If BIND logs error messages about the root key being expired,
    // you will need to update your keys.  See https://www.isc.org/bind-keys
    //=====
    dnssec-validation auto;

    listen-on-v6 { any; };
};

root@puddingmangga:/etc/bind# nano /etc/resolv.conf_

```

```

GNU nano 5.4                                /etc/resolv.conf *
nameserver 192.168.5.15
#nameserver 192.168.5.15_
search aaurra.com

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
^X Exit      ^R Read File  ^_ Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo

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