

```
root@ns1:/etc/bind# cat 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.

    recursion yes;          # enables recursive queries
    allow-recursion { 103.52.134.0/23; 103.71.46.0/23; 27.123.252.0/22; 114.31.2.0/24;
43.229.13.0/24; }; # allows recursive queries from "trusted" clients
    listen-on { 103.52.134.22; }; # ns1 private IP address - listen on private network only
    allow-transfer { none; }; # disable zone transfers by default

    forwarders {
        8.8.8.8;
    };
};
```

```
//=====
=
```

```
// 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;
```

```
auth-nxdomain no; # conform to RFC1035
listen-on-v6 { any; };
```

```
};
```

```
root@ns1:/etc/bind#
```

```
=====
```

```
root@ns1:/etc/bind# cat 103.52.135.rev.mymensingh.net
```

```
$TTL 86400
```

```
@ IN SOA ns1.mymensingh.net. root.mymensingh.net. (
    2018081023 ;Serial
    3600 ;Refresh
    1800 ;Retry
    604800 ;Expire
    86400 ;Minimum TTL
)
ns1 IN A 103.52.134.22
IN NS ns1.mymensingh.net
$GENERATE 1-254 $ PTR 103-52-0-$-mymensingh.net.
```

```
root@ns1:/etc/bind# cat 103.52.135.rev.mymensingh.net
$TTL 86400
```

```
@ IN SOA ns1.mymensingh.net. root.mymensingh.net. (
    2018081023 ;Serial
    3600 ;Refresh
    1800 ;Retry
    604800 ;Expire
    86400 ;Minimum TTL
)
ns1 IN A 103.52.134.22
IN NS ns1.mymensingh.net
$GENERATE 1-254 $ PTR 103-52-0-$-mymensingh.net.
```

```
root@ns1:/etc/bind# cat rev.mymensingh.net
$TTL 86400
```

```
@ IN SOA ns1.mymensingh.net. root.mymensingh.net. (
    2018081022 ;Serial
    3600 ;Refresh
    1800 ;Retry
    604800 ;Expire
    86400 ;Minimum TTL
)
@ IN NS ns1.mymensingh.net.
ns1 IN A 103.52.134.22
$GENERATE 1-21 $ PTR 103-52-0-$-mymensingh.net.
22 IN PTR ns1.mymensingh.net.
$GENERATE 23-157 $ PTR 103-52-0-$-mymensingh.net.
$GENERATE 159-255 $ PTR 103-52-0-$-mymensingh.net.
158 IN PTR stre.adharalo.com.
```

-----

```
root@ns1:~# vi .bash_history
sudo shutdown -h now
sudo nano /etc/bind/for.mymensingh.net
sudo nano /etc/bind/rev.mymensingh.net
sudo chmod -R 755 /etc/bind
sudo chown -R bind:bind /etc/bind
sudo named-checkconf /etc/bind/named.conf
sudo named-checkconf /etc/bind/named.conf.local
sudo named-checkzone mymensingh.net /etc/bind/for.mymensingh.net
sudo named-checkzone mymensingh.net /etc/bind/rev.mymensingh.net
sudo vi /etc/network/interfaces
sudo systemctl restart bind9
dig ns1.mymensingh.netdig ns1.mymensingh.net
nslookup mymensingh.net
nslookup
ping google.com.bd
tail -f /var/log/
cd /var/log/
ll
cd
exit
df -h
uname -a
ping 8.8.8.8
mtr 8.8.8.8
who
uname -a
cat /etc/issue
sudo apt-get update
sudo apt-get upgrade
sudo apt-get dist-upgrade
sudo apt-get install bind9 bind9utils bind9-doc
sudo nano /etc/bind/named.conf
sudo nano /etc/bind/named.conf.local
sudo nano /etc/bind/for.mymensingh.net
cd
df -h
cd
exit
/etc/init.d/bind9 reload
```

```
dig google.com
nslookup
ping google.com
ping ns1.mymensingh.net
vi /etc/bind/named.conf.options
/etc/init.d/bind9 reload
ping ns1.mymensingh.net
vi /etc/resolv.conf
/etc/init.d/bind9 reload
nslookup
vi /var/cache/bind/
vi /etc/bind/named.conf.options
/etc/init.d/bind9 reload
nslookup
sudo nano /etc/bind/named.conf.local
vi /etc/bind/for.mymensingh.net
ping 172.30.2.2
vi /etc/bind/for.mymensingh.net
vi /etc/bind/rev.mymensingh.net
vi /etc/bind/for.mymensingh.net
/etc/init.d/bind9 reload
ping stre.adharalo.com
sudo nano /etc/bind/named.conf.local
vi /etc/bind/rev.mymensingh.net
/etc/init.d/bind9 reload
sudo nano /etc/bind/named.conf.local
vi /etc/bind/named.conf.local
cd /etc/bind/
||
vi /etc/bind/named.conf.local
||
cp rev.mymensingh.net 103.52.135.rev.mymensingh.net
||
vi 103.52.135.rev.mymensingh.net
/etc/init.d/bind9 reload
nslookup
vi /etc/bind/named.conf.local
cp 103.52.135.rev.mymensingh.net 27.123.252.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.253.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.254.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.255.rev.mymensingh.net
vi 27.123.252.rev.mymensingh.net
vi 27.123.253.rev.mymensingh.net
```

```
vi 27.123.254.rev.mymensingh.net
vi 27.123.255.rev.mymensingh.net
/etc/init.d/bind9 reload
cd
exit
cd
cat /etc/issue
add-apt-repository 'deb http://archive.ubuntu.com/ubuntu trusty universe'
apt-get update
apt install mysql-server-5.6
deb http://repo.mysql.com/apt/ubuntu/ xenial mysql-5.6
apt install mysql-server-5.6
sudo apt autoremove
apt install mysql-server-5.6
sudo apt autoremove *
cd
sudo add-apt-repository 'deb http://archive.ubuntu.com/ubuntu trusty universe'
apt-get update
||
cp rev.mymensingh.net 103.52.135.rev.mymensingh.net
||
vi 103.52.135.rev.mymensingh.net
/etc/init.d/bind9 reload
nslookup
vi /etc/bind/named.conf.local
cp 103.52.135.rev.mymensingh.net 27.123.252.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.253.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.254.rev.mymensingh.net
cp 103.52.135.rev.mymensingh.net 27.123.255.rev.mymensingh.net
vi 27.123.252.rev.mymensingh.net
vi 27.123.253.rev.mymensingh.net
vi 27.123.254.rev.mymensingh.net
vi 27.123.255.rev.mymensingh.net
/etc/init.d/bind9 reload
cd
exit
cd
cat /etc/issue
add-apt-repository 'deb http://archive.ubuntu.com/ubuntu trusty universe'
apt-get update
apt install mysql-server-5.6
deb http://repo.mysql.com/apt/ubuntu/ xenial mysql-5.6
apt install mysql-server-5.6
```

```
sudo apt autoremove
apt install mysql-server-5.6
```

```
=====BDCOM DNS1 =====
```

```
root@dns1:/etc/bind# cat named.conf.options
```

```
acl "bdcom" {
    210.4.64.0/20;
    119.40.80.0/20;
    103.16.72.0/22;
    43.243.204.0/22;
```

```
};
```

```
acl "smile" {
    113.11.0.0/17;
    114.31.0.0/19;
```

```
};
```

```
acl "bdcom_v6" {
    2403:4000::/32;
```

```
};
```

```
acl "other_provider" {
    202.65.10.0/23;
    103.52.134.0/23;
    103.11.138.0/23;
```

```
};
```

```
acl "loopback" {
    127.0.0.1;
```

```
};
```

```
acl "loopback_v6" {
    ::1;
```

```
};
```

```
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;
// };

allow-transfer { key "bdcom_tsig-key"; };
//allow-transfer { 114.31.0.66; 114.31.7.2; 114.31.0.76; 210.4.77.131; 210.4.77.130;
210.4.77.132; 210.4.77.181; 204.61.215.166; 210.4.77.151; 202.65.11.11; 2403:4000:0:2::4; };
datasize 30M;
dump-file "named_dump.db";
interface-interval 0;
listen-on port 53 { 210.4.77.180; 127.0.0.1; };
    listen-on-v6 port 53 { 2403:4000:0:2::3; ::1; };
    allow-recursion {
        "bdcom";
        "smile";
        "bdcom_v6";
        "other_provider";
        "loopback";
        "loopback_v6";
    };
max-cache-size 50M;
// query-source address * port 53;
// query-source-v6 address * port 53;
statistics-file "/etc/bind/named.stats";
// statistics-file "named.stats";
version "This is not the port you're looking for.";
zone-statistics yes;
recursive-clients 6000;
};

```

```

-----/etc/bind/named.conf.local-----
//END of the view bangladesh

```

```

view "world" {
    match-clients { !bdix;any; };
    recursion yes;
}

```

```

// prime the server with knowledge of the root servers
zone "." {
    type hint;
    file "/etc/bind/db.root";
}

```

```
};
```

```
zone "bdcom.com" in {  
    type master;  
    file "named.hosts";  
    //file "named.hosts.world";  
    allow-transfer { key "bdcom_tsig-key"; };  
    allow-update { none; };  
};
```

```
zone "bdcom.com.bd" in {  
    type master;  
    file "sub/bdcom.com.bd.world";  
    allow-transfer { key "bdcom_tsig-key"; };  
    allow-update { none; };  
};
```

```
zone "bdcom.net.bd" in {  
    type master;  
    file "sub/bdcom.net.bd";  
    allow-transfer { key "bdcom_tsig-key"; };  
    allow-update { none; };  
};
```

```
zone "64.4.210.in-addr.arpa" in {  
    type master;  
    file "210.4.64.rev";  
    allow-transfer { key "bdcom_tsig-key"; };  
    allow-update { none; };  
};
```

```
zone "75.16.103.in-addr.arpa" in {  
    type master;  
    file "103.16.75.rev";  
    allow-transfer { key "bdcom_tsig-key"; };  
    allow-update { none; };  
};
```

```
#zone "." in {  
#    type hint;  
#    file "root.cache";  
##};
```





```
//      recursive-clients 5000;
//};
statistics-channels {
    inet 127.0.0.1 port 8053 allow { 127.0.0.1; 210.4.64.20; };
};

controls {
    //inet 127.0.0.1 allow { localhost; } keys { rndc-key; };
    inet * allow { localhost; } keys { rndc-key; };
};

include "/etc/bind/rndc.key";

logging {
    category lame-servers { null; };
    //      category cname { null; };
};
// If you are just adding zones, please do that in /etc/bind/named.conf.local
//include "/etc/bind/named.conf.options";

// prime the server with knowledge of the root servers
#zone "." {
#    type hint;
#    file "/etc/bind/db.root";
#};

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

#zone "localhost" {
#    type master;
#    file "/etc/bind/db.local";
#};

#zone "127.in-addr.arpa" {
#    type master;
#    file "/etc/bind/db.127";
#};

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

```
#};
```

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

```
include "/etc/bind/acl-bdix.txt";
```

```
include "/etc/bind/named.conf.local";  
include "/etc/bind/named.conf.options";  
#include "/etc/bind/named.conf.log";  
#zone transfer key  
include "/etc/bind/bdcom_tsig.key";  
root@dns1:/etc/bind# cat named.conf
```

```
-----named.conf.log
```

```
root@dns1:/etc/bind# cat named.conf.log  
logging{  
channel simple_log {  
file "/var/log/named/bind9.log" versions 3 size 5m;  
severity warning;  
print-time yes;  
print-severity yes;  
print-category yes;  
};  
#  
category default {  
simple_log;  
};  
#  
channel query_log {  
file "/var/log/named/bind9-queries.log";  
print-category yes;  
print-time yes;  
};  
#  
category queries {
```

```
query_log;  
};  
};
```

---

```
cd /etc/systemd/system/multi-user.target.wants/
```

```
69 ls  
70 cd ../../..  
71 ls -al  
72 vi 103.197.251.db  
73 netstat -anp |more  
74 iptables -nvxL  
75 ufw status  
76 cd  
77 systemctl bind9 stop  
78 systemctl stop bind9.service  
79 systemctl start bind9.service  
80 cd /etc/bin  
81 cd /etc/bind/  
82 ls  
83 vi named.conf.local  
84 vi /etc/default/bind9  
85 ps -aux |grep bind  
86 nslookup  
87 ifconfig  
88 ls  
89 vi named.conf.local  
90 vi named.conf.options  
91 cd /var/lib/named/var/cache/bind/  
92 ls  
93 vi eurotelbd.net.db  
94 cd /var/lib/named/etc/bind/
```

```
95 ls
96 vi named.conf.local
97 ping librenms.fiberathome.net
98 ls
99 vi db.root
100 vi named.conf.options
101 cd /etc/systemd/system/multi-user.target.wants/
102 ls
103 vi bind9.service
104 pwd
105 vi bind9.service
106 vi bind9.service
107 /etc/init.d/bind9 stop
108 /etc/init.d/bind9 start
109 vi bind9.service
110 systemctl stop bind9.service
111 systemctl daemon-reload
112 systemctl stop bind9.service
113 systemctl start bind9.service
114 exit
115 clear
116 ls
117 tar -zxvf primaryDNS.tgz
118 ls
119 aptitude install bind9
120 aptitude install whois
121 /etc/init.d/bind9 stop
122 ls
123 mv bind9 bind9_init_welconf
124 mv /etc/init.d/bind9 /root/bind9_default
125 ls
126 cp bind9_init_welconf /etc/init.d/
127 vi /etc/init.d/bind9_init_welconf
128 cd /etc/init.d/
129 ls
130 mv bind9_init_welconf bind9
131 clear
132 vi /etc/default/bind9
133 cd
134 mkdir -p /var/lib/named/etc
135 mkdir /var/lib/named/dev
136 mkdir -p /var/lib/named/var/cache/bind
137 mkdir -p /var/lib/named/var/run/bind/run
```

```
138 mv /etc/bind /var/lib/named/etc
139 ln -s /var/lib/named/etc/bind /etc/bind
140 mknod /var/lib/named/dev/null c 1 3
141 mknod /var/lib/named/dev/random c 1 8
142 chmod 666 /var/lib/named/dev/null /var/lib/named/dev/random
143 chown -R bind:bind /var/lib/named/var/*
144 chown -R bind:bind /var/lib/named/etc/bind
145 cd /var/lib/named/etc/bind/
146 ls
147 cp named.conf named.conf_BK
148 cp named.conf.local named.conf.local_BK
149 cp named.conf.options named.conf.options_BK
150 ls
151 vi named.conf
152 vi named.conf
153 ls
154 vi named.conf.local
155 vi named.conf
156 vi named.conf.local
157 vi named.conf.local
158 vi named.conf.local
159 ifconfig
160 vi named.conf.local
161 ls
162 vi named.conf.options
163 pwd
164 cd
165 cd var/lib/named/etc/bind/
166 ls
167 ls -al
168 ls
169 vi maya_tsig.key
170 vi maya_tsig.key
171 pwd
172 ls
173 cd ../../
174 ls -al
175 cd var/cache/bind/
176 ls
177 pwd
178 cd ../../..
179 vi etc/bind/
180 vi etc/bind/named.conf.lo
```

```
181 vi etc/bind/named.conf.local
182 cd etc/bind/
183 ls -al
184 vi maya_tsig.key
185 pwd
186 cd ../../var/cache/bind/
187 ls -al
188 pwd
189 cd ../.././
190 ls -al
191 pwd
192 cd
193 cd var/lib/named/var/cache/bind/
194 ls
195 ls -al
196 vi 103.23.205.db
197 cd
198 tail -f /var/log/syslog
199 date
200 dpkg-reconfigure tzdata
201 date
202 tail -f /var/log/syslog
203 vi .ssh/authorized_keys
204 tail -f /var/log/syslog
205 netstat -anp |more
206 ufw status
207 ps -aux |more
208 tail -f /var/log/syslog
209 top
210 tail -f /var/log/syslog
211 reboot
212 systemctl stop bind9.service
213 systemctl start bind9.service
214 nslookup
215 cd /etc/network/
216 vi interfaces
217 vi /etc/resolv.conf
218 vi /etc/hosts
219 cd /var/lib/named/etc/bind/
220 ls
221 vi named.conf
222 vi named.conf
223 ls
```

```
224 vi named.conf
225 vi named.conf.local
226 cd /var/lib/named/var/cache/bind/
227 vi euotelbd.net.db
228 ls
229 vi 103.197.251.db
230 vi euotelbd.net.db
231 cd ../../..
232 cd etc/bind/
233 ls
234 vi named.conf.options
235 clear
236 clear
237 clear
238 nslookup
239 clear
240 cd
241 tail -f /var/log/syslog
242 vi /etc/resolv.conf
243 reboot
244 history
245 cd /var/lib/named/var/cache/bind/
246 vi euotelbd.net.db
247 systemctl reload bind9.service
248 chown -R bind:bind /var/lib/named/etc/bind
249 nslookup
250 tail -f /var/log/syslog
251 cd /var/lib/named/var/cache/bind/
252 vi euotelbd.net.db
253 systemctl reload bind9.service
254 cd
255 tail -f /var/log/syslog
256 nslookup
257 ping euopharmabd.com
258 ifconfig
259 host -vt any euotelbd.net
260 host -vt any euotelbd.net 8.8.8.8
261 tail -f /var/log/syslog
262 ping 103.197.251.226
263 ping mail.euopharmabd.com
264 ping www.euopharmabd.com
265 tail -f /var/log/syslog
266 cd /var/lib/named/var/cache/bind/
```



```
267 vi eurotelbd.net.db
268 systemctl reload bind9.service
269 vi eurotelbd.net.db
270 systemctl reload bind9.service
271 vi eurotelbd.net.db
272 vi eurotelbd.net.db
273 systemctl stop bind9.service
274 systemctl stop bind9.service
275 systemctl stop bind9.service
276 systemctl stop bind9.service
277 systemctl start bind9.service
278 cd
279 ping apps.pranrflgroup.com
280 ping APPS.pranrflgroup.com
281 ping APPS.pranrflgroup.com
282 host -vt any apps.pranrflgroup.com
283 host -vt any apps.pranrflgroup.com 8.8.8.8
284 ls -al
285 ls -al .ssh/
286 cat .ssh/authorized_keys
287 cat /etc/motd
288 ufw status
289 ufw deny http
290 ufw deny 22
291 ufw deny 25
292 ufw deny 21
293 ufw deny 110
294 ufw deny 143
295 vi /etc/network/interfaces
296 vi /etc/resolv.conf
297 vi .bash_history
298 cd /home/
299 ls
300 cd
301 passwd dns1
302 cp .bash_history /home/dns1/
303 cat /etc/issue
304 ping 103.16.74.251
305 ping 103.16.74.252
306 ping 103.16.74.250
307 ping 103.16.74.253
308 vi .bash_history
309 history
```

```
310 free -g
311 ls
312 exit
313 cd .ssh/
314 ls
315 ssh-keygen -t rsa
316 ls
317 vi id_rsa.pub
318 ssh root@103.197.251.226
319 cd /etc/init.d/
320 sftp 103.197.251.226
321 cd /var/lib/named/etc/bind/
322 ls
323 sftp 103.197.251.226
```