



```
root@ns1-2021:~# echo "On my dns master; configuring it so that it will do recursive lookups for my client"
```

```
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```

```
root@ns1-2021:~# echo "You will do similar on slave"
```

```
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```

```
root@ns1-2021:~#
```



root@ns1-2021: ~



```
root@ns1-2021:~# vi /etc/bind/named.conf.options
```



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

```
==  
  
//i am going to change the following to no to make things easier  
dnssec-validation no;
```

```
auth-nxdomain no; # conform to RFC1035  
listen-on-v6 { any; };  
//by default anyone could query our machines. we will lock it down.  
//even though this is overridden by settings in our named.conf.local  
//put your network id in the following section  
allow-query { 144.38.199.48/28; localhost; };
```

```
//by default only localhosts or localnets would do recursion  
allow-recursion { 144.38.199.48/28; localhost; };  
#query-source port 53;  
querylog yes;
```

```
};
```

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~
```



```
root@ns1-2021:~# echo "Tell bind to only listen on ipv4, otherwise it tries to do ipv6 stuff"
```

```
Tell bind to only listen on ipv4, otherwise it tries to do ipv6 stuff
```

```
root@ns1-2021:~# vi /etc/default/named
```





root@ns1-2021: ~



```
root@ns1-2021:~# service bind9 restart
```

```
root@ns1-2021:~#
```



```
root@ns1-2021:~# echo "maybe check your syslog for any errors"
```

```
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```

```
root@ns1-2021:~# echo "Now try digging for non-authoritative data"
```

```
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```

```
root@ns1-2021:~# dig @localhost www.nba.com
```



```
; <<>> DiG 9.16.1-Ubuntu <<>> @localhost www.nba.com
; (1 server found)
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65222
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
; COOKIE: 8764f4b9dd55ae89010000006144b571d7f5c1625cc39695 (good)
;; QUESTION SECTION:
;www.nba.com.                IN      A

;; ANSWER SECTION:
www.nba.com.                 300     IN      CNAME   www.nba.com-v1.edgekey.net.
www.nba.com-v1.edgekey.net. 21600  IN      CNAME   e8017.dscb.akamaiedge.net.
e8017.dscb.akamaiedge.net.  20      IN      A       104.86.3.129

;; Query time: 663 msec
;; SERVER: 127.0.0.1#53(127.0.0.1)
;; WHEN: Fri Sep 17 15:34:09 UTC 2021
;; MSG SIZE rcvd: 163
```

```
root@ns1-2021:~#
```





```
root@ns1-2021:~# echo "If it doesn't work. something is wrong!"
```

```
If it doesn't work. something is wrong!
```

```
root@ns1-2021:~# █
```