

joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "Now to configure the slave"
```

Now to configure the slave

```
joe@ns2-thegummibear:~$ echo "Install bind 9 and configure"
```

Install bind 9 and configure

```
joe@ns2-thegummibear:~$ sudo apt-get install bind9
```

joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ sudo vi /etc/bind/named.conf.local
```


joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "Information should automatically be transferred from master  
to slave, so we shouldn't have to do any more configs here"
```

```
Information should automatically be transferred from master to slave, so we shouldn't hav  
e to do any more configs here
```

```
joe@ns2-thegummibear:~$ sudo service bind9 restart
```

```
joe@ns2-thegummibear:~$ █
```

joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "check log file for errors"
```

```
check log file for errors
```

```
joe@ns2-thegummibear:~$ sudo less /var/log/syslog
```


⌵ ⌵ ⌵ joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "looks like zone was transferred correctly. Also note the serial number."
```

```
looks like zone was transferred correctly. Also note the serial number.
```

```
joe@ns2-thegummibear:~$ █
```

joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "now where is the zone file stored on the slave?"
```

now where is the zone file stored on the slave?

```
joe@ns2-thegummibear:~$ ls -l /var/cache/bind/
```

total 12

```
-rw-r--r-- 1 bind bind 412 Sep  6 10:02 db.thegummibear.com
```

```
-rw-r--r-- 1 bind bind 821 Sep  6 10:02 managed-keys.bind
```

```
-rw-r--r-- 1 bind bind 512 Sep  6 10:02 managed-keys.bind.jnl
```

```
joe@ns2-thegummibear:~$ echo "There it is!"
```

There it is!

```
joe@ns2-thegummibear:~$ █
```



```
joe@ns2-thegummibear:~$ echo "Do some testing with dig"
```

```
Do some testing with dig
```

```
joe@ns2-thegummibear:~$ dig @144.38.199.163 www.thegummibear.com
```

```
; <<>> DiG 9.10.3-P4-Ubuntu <<>> @144.38.199.163 www.thegummibear.com
```

```
; (1 server found)
```

```
;; global options: +cmd
```

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30658
```

```
;; flags: qr aa rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 2, ADDITIONAL: 3
```

```
;; OPT PSEUDOSECTION:
```

```
; EDNS: version: 0, flags:; udp: 4096
```

```
;; QUESTION SECTION:
```

```
www.thegummibear.com.          IN      A
```

```
;; ANSWER SECTION:
```

```
www.thegummibear.com.  3600   IN      A      144.38.199.165
```

```
;; AUTHORITY SECTION:
```

```
thegummibear.com.      3600   IN      NS     ns2.thegummibear.com.
```

```
thegummibear.com.      3600   IN      NS     ns1.thegummibear.com.
```

```
;; ADDITIONAL SECTION:
```

```
ns1.thegummibear.com.  3600   IN      A      144.38.199.162
```

```
ns2.thegummibear.com.  3600   IN      A      144.38.199.163
```

```
;; Query time: 0 msec
```

```
;; SERVER: 144.38.199.163#53(144.38.199.163)
```

```
;; WHEN: Tue Sep 06 10:05:28 MDT 2016
```

```
;; MSG SIZE rcvd: 133
```

```
joe@ns2-thegummibear:~$ █
```

joe@ns2-thegummibear: ~

```
joe@ns2-thegummibear:~$ echo "Do more tests to verify that slave is functioning correctly"
```

```
Do more tests to verify that slave is functioning correctly
```

```
joe@ns2-thegummibear:~$
```