

Enable logging in Unbound:

In order to enable logging in the Unbound DNS resolver, you have to add the following lines to your `/etc/unbound/unbound.conf` configuration file:

```
1 server:
2     chroot: ""
3     logfile: /var/log/unbound.log
4     verbosity: 1
5     log-queries: yes
```

Then, create the file and make sure it's owned by the unbound process:

```
$sudo touch /var/log/unbound.log
$sudo chown unbound:unbound /var/log/unbound.log
```

Finally, restart Unbound:

```
$sudo /etc/init.d/unbound restart
```

QNAME MINIZATION FOR PRIVACY AND QUERY OPTIMISATION :

```
#sudo su
#vim /etc/unbound/unbound.conf.d/qname-minimisation.conf
qname-minimisation: yes
```

Now resolve one domain by `nslookup` and check the log.

```
#vim /etc/unbound/unbound.conf.d/qname-minimisation.conf
qname-minimisation: no
```

restart Unbound:

```
#!/etc/init.d/unbound restart
```

Now resolve one domain by nslookup and check the log. Find the diff.