DNS Exercise 4.3: Setting up Flexible Logging
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Named logs by default are sent and captured in the /var/log/syslog file.
Other log messages are by default also sent to the /var/log/syslog file.
It is possible to change where BIND or named sends its log files. This
exercise demonstrates how to change where BIND or named captures its logs.

Edit the `/etc/bind/named.conf.local` file and add the following
entries at the end of the file:

$ sudo editor /etc/bind/named.conf.local

```
logging {
        channel default_log {
                                file "/var/log/bind/named.log" versions 3 size 10m;
                                print-time yes;
                                print-category yes;
                                print-severity yes;
                                severity info;
        };

        channel xfrs {
                                file "/var/log/bind/xfer.log" versions 5 size 5m;
                                print-time yes;
                                print-category yes;
                                print-severity yes;
                                severity info;
        };

        channel qrs {
                                file "/var/log/bind/queries.log" versions 5 size 5m;
                                print-time yes;
                                print-category yes;
                                print-severity yes;
                                severity info;
        };

        category default { default_log; };
        category xfer-in { xfrs; };
        category xfer-out { xfrs; };
        category queries { qrs; };
};
```

* Create a directory for the logs

$ sudo mkdir /var/log/bind
$ sudo chown bind:bind /var/log/bind

* Reconfigure the BIND/named daemon

$ sudo rndc reconfig

o Look into the `/var/log/bind` directory, you should see the
  following files `named.log`, `queries.log` and `xfer.log`.

Now default logging will be to named.log, query logs in the queries.log file,
and zone transfer logs will be in xfer.log.