

Configuring the Number and Size of Extended DHCP Log Files

By default, when the trace file reaches 128 kilobytes (KB) in size, it is renamed *filename.0*, then *filename.1*, and so on, until there are three trace files. Then the oldest trace file (*filename.2*) is overwritten.

You can optionally configure the maximum file size to be from 10 KB through 1 gigabyte (GB). You can also specify the number of trace files to be from 2 through 1000.

For example, you can set the maximum file size to 2 MB, and the maximum number of files to 20. When the file that receives the output of the tracing operation (*filename*) reaches 2 MB, *filename* is renamed *filename.0*, and a new file called *filename* is created. When the new *filename* reaches 2 MB, *filename.0* is renamed *filename.1* and *filename* is renamed *filename.0*. This process repeats until there are 20 trace files. Then the oldest file (*filename.19*) is overwritten by the newest file (*filename.0*).

To configure the number and size of trace files:

- Specify the name, number, and size of the file used for the trace output. (DHCP local server and DHCP relay agent both support the **files** and **size** options for the **traceoptions** statement.)

```
[edit system services dhcp-local-server traceoptions]
user@host# set file dhcp_logfile_1 files 20 size 2097152
```

