

## How to Enable Debugging for OSPF

<https://campus.barracuda.com/doc/48202831/>

On the Barracuda NextGen Firewall F-Series, you can activate debugging for OSPF. This can be useful when a higher verbosity for OSPF logging is required.

1. In the directory that contains the OSPF configuration files, create a new file named `ospf.debug`.  
`cd /opt/phion/config/active/servers/<servername>/services/ospf/ vi ospf.debug`
2. In the `ospf.debug` file, enter the cipher 9 as the initial and only value. Then save the file.

The OSPF service does not have to be restarted.

The following entry is generated in the OSPF log file after the file has been saved, indicating a changed log level:

```
INFO Debug file changed: reloading (9 -> verb: 9, exact: -1)
```

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