

## Configuring Tracing Operations for Security Services

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To configure trace options for security services, specify flags using the `traceoptions` statement:

```
[edit security]
traceoptions {
  file filename <files number> <size size>;
  flag all;
  flag database;
  flag general;
  flag ike;
  flag parse;
  flag policy-manager;
  flag routing-socket;
  flag timer;
}
```

You can include these statements at the following hierarchy levels:

- [edit security]
- [edit services ipsec-vpn]

You can specify one or more of the following security tracing flags:

- `all`—Trace all security events
- `database`—Trace database events
- `general`—Trace general events
- `ike`—Trace IKE module processing
- `parse`—Trace configuration processing
- `policy-manager`—Trace policy manager processing
- `routing-socket`—Trace routing socket messages
- `timer`—Trace internal timer events

- Related Topics**
- Configuring Tracing Operations for IPsec Events for Adaptive Services PICs
  - Security Associations Overview

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