



ePDG Thresholds

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EPDG Thresholds

Thresholds generate alerts or alarms based on either the total number of ePDG calls setup by the system during the specified polling interval, or on the number of currently active calls only.

Alerts or alarms are triggered for call setups based on the following rules:

- **Enter condition:** Actual number of call setups \geq High Threshold
- **Clear condition:** Actual number of call setups $<$ Low Threshold

If a trigger condition occurs within the polling interval, the alert or alarm will not be generated until the end of the polling interval.

Default ePDG threshold polling interval value is 5 Min.

The polling interval is in seconds and it is an integer between 30 and 60000. Entries will be rounded up to the nearest 30 seconds.

Configuring ePDG Thresholds

Use the following configuration example to enable, disable and configure ePDG threshold monitoring.

```
configure
  [ no ] threshold monitoring epdg-service
  threshold epdg-current-sessions current_epdg_sessions_threshold clear
  alarm_clear_threshold
  default threshold epdg-current-sessions
  threshold poll epdg-current-sessions interval threshold_polling_interval
  default threshold poll epdg-current-sessions interval
end
```

Saving Your Configuration

When you configure thresholds they are not permanent unless you save the changes. When you have completed configuring thresholds, save your configuration to flash memory, an external memory device, and/or a network location using the Exec mode command **save configuration**. For additional information on how to verify and save configuration files, refer to the *System Administration Guide* and the *Command Line Interface Reference*.

Configuring IKEv2 tunnel setup attempts

Use the following configuration example to enable, disable and configure ePDG threshold monitoring.

```
configure
  context epdg context
    epdg-service epdg_service_name
    no threshold ikev2-setup-attempts threshold_value clear clear_value

    exit threshold poll epdg-current-sessions interval
  exit
```