

traceoptions

Syntax	<pre>traceoptions { file <i>filename</i> <files <i>number</i>> <size <i>size</i>> <world-readable no-world-readable> <match <i>regex</i>>; flag <i>flag</i> ; }</pre>
Hierarchy Level	[edit virtual-chassis]
Release Information	Statement introduced in JUNOS Release 9.0 for EX Series switches.
Description	Define tracing operations for the Virtual Chassis configuration.
Default	Tracing operations are disabled.
Options	<p>file <i>filename</i>—Name of the file to receive the output of the tracing operation. Enclose the name within quotation marks. All files are placed in the directory /var/log.</p> <p>file <i>number</i>—(Optional) Maximum number of trace files. When a trace file named <i>trace-file</i> reaches its maximum size, it is renamed <i>trace-file.0</i>, then <i>trace-file.1</i>, and so on, until the maximum <i>xk</i> to specify KB, <i>xm</i> to specify MB, or <i>xg</i> to specify GB number of trace files is reached. Then the oldest trace file is overwritten. If you specify a maximum number of files, you also must specify a maximum file size with the size option.</p> <p>Range: 2 through 1000 Default: 3 files</p> <p>flag <i>flag</i>—Tracing operation to perform. To specify more than one tracing operation, include multiple flag statements. You can include the following flags:</p> <ul style="list-style-type: none">■ all—All tracing operations.■ csn—Trace Virtual Chassis complete sequence number (CSN) packets.■ error—Trace Virtual Chassis errored packets.■ hello—Trace Virtual Chassis hello packets.■ krt—Trace Virtual Chassis KRT events.■ lsp—Trace Virtual Chassis link-state packets.■ lsp-generation—Trace Virtual Chassis link-state packet generation.■ me—Trace Virtual Chassis ME events.■ packets—Trace Virtual Chassis packets.■ parse—Trace reading of the configuration.■ route—Trace Virtual Chassis routing information.■ spf—Trace Virtual Chassis SPF events.■ state—Trace Virtual Chassis state transitions.

- **task**—Trace Virtual Chassis task operations.

match *regex*—(Optional) Refine the output to include lines that contain the regular expression.

no-world-readable—(Optional) Restricted file access to the user who created the file.

size *size*—(Optional) Maximum size of each trace file, in kilobytes (KB), megabytes (MB), or gigabytes (GB). When a trace file named *trace-file* reaches its maximum size, it is renamed *trace-file.0*, then *trace-file.1*, and so on, until the maximum number of trace files is reached. Then the oldest trace file is overwritten. If you specify a maximum number of files, you also must specify a maximum file size with the **files** option.

Syntax: *xk* to specify KB, *xm* to specify MB, or *xg* to specify GB

Range: 10 KB through 1 GB

Default: 128 KB

world-readable—(Optional) Enable unrestricted file access.

Required Privilege Level

routing—To view this statement in the configuration.

routing-control—To add this statement to the configuration.

Related Topics

- Monitoring Virtual Chassis Configuration Status and Statistics
- Verifying the Member ID, Role, and Neighbor Member Connections of a Virtual Chassis Member
- Verifying That the Virtual Chassis Ports Are Operational
- Troubleshooting a Virtual Chassis Configuration

Published: 2009-07-29