

traceoptions

Syntax traceoptions {
 file *filename* <files *number*> <size *size*> <world-readable | no-world-readable> <match
 regex>;
 flag *flag* ;
}

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 file *filename*—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*.

file *number*—(Optional) Maximum number of trace files. 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 *xk* to specify KB, *xm* to specify MB, or *xg* 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.

Range: 2 through 1000

Default: 3 files

flag *flag*—Tracing operation to perform. To specify more than one tracing operation, include multiple flag statements. You can include the following flags:

- 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