

traceoptions

Syntax traceoptions {
 file <filename> <files number> <match regular-expression > <size maximum-file-size>
 <world-readable | no-world-readable>;
 flag *flag*;
 level (all | error | info | notice | verbose | warning);
 no-remote-trace;
 }

Hierarchy Level [edit logical-systems *logical-system-name* services mobile-ip],
 [edit logical-systems *logical-system-name* routing-instances *routing-instances-name* services
 mobile-ip],
 [edit routing-instances *routing-instances-name* services mobile-ip],
 [edit services mobile-ip]

Release Information Statement introduced in JUNOS Release 9.3.
 Support at the [edit logical-systems *logical-system-name* services mobile-ip], [edit
 logical-systems *logical-system-name* routing-instances *routing-instances-name* services
 mobile-ip], and [edit routing-instances *routing-instances-name* services mobile-ip]
 hierarchy levels added in JUNOS Release 9.5.

Description Define tracing operations for Mobile IP processes.

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*.
 Ensure that filenames are unique for each logical system or routing instance in
 which Mobile IP is configured.



NOTE: Global messages (common to all logical systems and routing instances) are always saved in */var/log/mipd*. Messages that are specific to a logical system or routing instance are never saved in */var/log/mipd*. If you do not configure a trace filename for a logical system or routing instance, then nothing is traced for that entity.

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

- all—Trace all operations.
- authentication—Trace authentication operations.
- binding—Trace bindings.
- event—Trace events.
- home-agent—Trace home agent operations.
- interface-database—Trace interface database operations.
- packet—Trace packet decoding operations.

- **protocol**—Trace protocol operations.
- **rtsock**—Trace routing socket operations.
- **session-db**—Trace session database events.
- **signal**—Trace signal operations.
- **subscriber**—Trace subscriber events.
- **timer**—Trace timer events.
- **trace**—Trace changes in tracing.
- **tunnel**—Trace tunneling operations.
- **user-interface**—Trace user interface events.

level—Level of tracing to perform. You can specify any of the following levels:

- **all**—Match all levels.
- **error**—Match error conditions.
- **info**—Match informational messages.
- **notice**—Match notice messages about conditions requiring special handling.
- **verbose**—Match verbose messages.
- **warning**—Match verbose messages.

no-remote-trace—Disable remote tracing.

Required Privilege Level **interface**—To view this statement in the configuration.
 interface-control—To add this statement to the configuration.

Related Topics

- Configuring Mobile IP
- Configuring Trace Options for Mobile IP