

System Login & Tracing

- Uses UNIX syslog-style config. syntax.

↳ /var/log/messages

- Remote logging (or archiving)

→ [edit system syslog].

Configuration options

- host <name> or <ip address>
- archive
- console
- facility.
- severity,
- files (filenames)

Interpreting Syslog Messages

- Standard log entries:

↳ Timestamp, host name, software process name or PID, a message code, and the message text

*priority level messages. [help syslog].

Traceoptions Overview

- Tracing is the JUNOS OS equivalent of debug.

↳ Requires configuration.

flag event detail. : to view details

↳ no show traceoptions >

Analyzing Log & Trace Files

↳ default storage: /var/log

↳ Use `show log <file-name>`

to display file contents.

↳ enter `h` at the more prompt
for help on available options.

- Miscellaneous Log File Commands:

↳ use monitor start CLI to view
real-time log information

↳ use monitor

↳ `monitor start <file-name>`

↳ use pipe (`|`) to filter the file
being monitored.

monitoring.

↳ Use `Esc + q` } halt & resume
↳ monitor stop. → cease all monitoring.

- If you do not delete or disable all trace flags, tracing continues in the background.

• Issue delete traceoption command, to disable all tracing at a particular hierarchy

- To enable remote logging:

set syslog server at the

[edit system tracing] hierarchy level