

tracoptions

Syntax tracoptions {
 file *filename*{
 files *number*;
 size *maximum-file-size*;
 match *regex*;
 world-readable | no-world-readable
 }
 flag address-assignment;
 flag all;
 flag configuration;
 flag framework;
 flag ldap;
 flag local-authentication;
 flag radius;
}

Hierarchy Level [edit system processes general-authentication-service]

Release Information Flag for tracing address-assignment pool operations introduced in JUNOS Release 9.0.
option-name option introduced in JUNOS Release 8.3.

Description Configure tracing options.

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`.

files *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 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 and a filename.

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:

- address-assignment—All address-assignment events
- all—All tracing operations
- configuration—Configuration events
- framework—Authentication framework events
- ldap—LDAP authentication events
- local-authentication—Local authentication events

- radius—RADIUS authentication events

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

size *size*—(Optional) Maximum size of each trace file, in kilobytes (KB), megabytes (MB), or gigabytes (GB). If you specify a maximum file size, you also must specify a maximum number of trace files with the **files** option and filename.

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 admin—To view this statement in the configuration.
admin-control—To add this statement to the configuration.

Related Topics ■ Tracing Address-Assignment Pool Processes