

## traceoptions

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<b>Syntax</b>	<pre>traceoptions {     file <i>file-name</i> &lt;files <i>number</i>&gt; &lt;size <i>size</i>&gt; &lt;world-readable   no-world-readable&gt; &lt;match         <i>regex</i>&gt;;     flag <i>flag</i>; }</pre>
<b>Hierarchy Level</b>	[edit system processes general-authentication-service]
<b>Release Information</b>	Flag for tracing address-assignment pool operations introduced in JUNOS Release 9.0. option-name option introduced in JUNOS Release 8.3.
<b>Description</b>	Configure tracing options.
<b>Options</b>	<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 <code>/var/log</code>.</p> <p>files <i>number</i>—(Optional) Maximum number of trace files. When a trace file named <code>trace-file</code> reaches its maximum size, it is renamed <code>trace-file.0</code>, then <code>trace-file.1</code>, and so on, until the maximum number of trace files is reached. Then the oldest trace file is overwritten.</p> <p>If you specify a maximum number of files, you also must specify a maximum file size with the <code>size</code> option and a filename. <b>Range:</b> 2 through 1000 <b>Default:</b> 3 files</p> <p>flag <i>flag</i>—Tracing operation to perform. To specify more than one tracing operation, include multiple <code>flag</code> statements. You can include the following flags:</p> <ul style="list-style-type: none"><li>■ address-assignment—All address-assignment events</li><li>■ all—All tracing operations</li><li>■ configuration—Configuration events</li><li>■ framework—Authentication framework events</li><li>■ ldap—LDAP authentication events</li><li>■ local-authentication—Local authentication events</li><li>■ radius—RADIUS authentication events</li></ul> <p>match <i>regex</i>—(Optional) Refine the output to include lines that contain the regular expression.</p> <p>size <i>size</i>—(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 <code>files</code> option and filename. <b>Syntax:</b> <code>xk</code> to specify KB, <code>xm</code> to specify MB, or <code>xg</code> to specify GB</p>

**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