

235- CLI Filters

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235.1 Count Filter

Command Description

This filter counts the number of output characters, words or lines and adds this information at the end of the output.

User Level

This filter can be used by any user.

Command Syntax

The command has the following syntax:

```
> count [ [ no ] lines ] [ [ no ] words ] [ [ no ] characters ] [ [ no ] summary ]
```

Command Parameters

Table 235.1-2 "Count Filter" Command Parameters

Parameter	Type	Description
[no] lines	Parameter type: boolean	<i>optional parameter</i> counts the number of lines
[no] words	Parameter type: boolean	<i>optional parameter</i> counts the number of words
[no] characters	Parameter type: boolean	<i>optional parameter</i> counts the number of characters
[no] summary	Parameter type: boolean	<i>optional parameter</i> only the lines with the count summary are printed

235.2 Match Filter

Command Description

This filter allows the user to filter selectively lines from the output based on the contents of these lines.

*The user specifies a string with **exact**:*

*The user can specify multiple search strings separated by pipe character | with **exact**:. The search for multiple strings is similar to **OR** condition.*

*User can search for any one of the strings (**alarm**, **trap**, **qos**, **vlan**) in the CLI output as follows: **info configure flat / match exact:alarm/trap/qos/vlan**.*

*User can search for string (**wel/come**) in the CLI output as follows: **info configure flat / match exact:wel/come**.*

*User can search for string (**welcome**) in the CLI output as follows: **info configure flat / match exact:\\welcome**.*

*User can search for string ("**welcome**") in the CLI output as follows: **info configure flat / match exact:\"welcome\"**.*

*User can search for any one of the strings (**wel/come**, **nokia**) in the CLI output as follows: **info configure flat / match exact:wel/come/nokia**.*

*User can specify the same within double quotes as follows: **info configure flat / match exact:\"wel/come/nokia\"**.*

Refer Printable Strings under Chapter 1.5 Parameters for more information.

*He can then decide if a line that contains this string is kept (**no skip**) or discarded (**skip**) or he can use the filter to keep all lines before the first match (**before**) or after (including) the first match (**after**).*

*The matching operation can be case-sensitive (**no case-insensitive**) or case-insensitive (**case-insensitive**).*

User Level

This filter can be used by any user.

Command Syntax

The command has the following syntax:

```
> match (pattern) [ [ no ] case-insensitive ] [ [ no ] skip ]
```

Command Parameters

Table 235.2-2 "Match Filter" Command Parameters

Parameter	Type	Description
(pattern)	Format: exact : <PrintableString> Possible values: - exact : exact:<PrintableString> strings to be matched. multiple search strings can be separated with pipe ' '. use backslash followed by backslash and backslash followed by pipe to search for backslash and pipe respectively. check	<i>optional parameter</i> describes what needed(exact: pattern:)<PrintableString>

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Parameter	Type	Description
	online cli guide for more information. Field type <PrintableString> - printable string	
[no] case-insensitive	Parameter type: boolean	<i>optional parameter</i> matching is case-insensitive
[no] (skip)	Format: (skip match before after) Possible values: - skip : matched lines are skipped - match : matched lines are selected - before : lines found before the first match are selected - after : lines found after the first match are selected	<i>optional parameter with default value: "match"</i> matched lines are skipped

235.3 Tee Filter

Command Description

This filter writes the output also to a file. The file will be placed in the directory `/var/cmd`.

The user can decide if the output must be appended to the file or not.

User Level

This filter can be used by any operator.

Command Syntax

The command has the following syntax:

```
> tee (file) [ [ no ] append ]
```

Command Parameters

Table 235.3-2 "Tee Filter" Command Parameters

Parameter	Type	Description
(file)	Format: - a file name (example : info.log) - range: [a-zA-Z0-9-_.] - length: 1<=x<=13	<i>optional parameter</i> the name of the file
[no] append	Parameter type: boolean	<i>optional parameter</i> append if the file exists

235.4 Tee Config Filter

Command Description

This filter writes the output also to a file. The file will be placed in the directory `/data/config`.

The user can decide if the output must be appended to the file or not.

User Level

This filter can be used by any operator.

Command Syntax

The command has the following syntax:

```
> tee-config (file) [ [ no ] append ]
```

Command Parameters

Table 235.4-2 "Tee Config Filter" Command Parameters

Parameter	Type	Description
(file)	Format: - a file name (example : info.log) - range: [a-zA-Z0-9-_.] - length: 1<=x<=13	<i>optional parameter</i> the name of the config-file
[no] append	Parameter type: boolean	<i>optional parameter</i> append if the file exists