**grep**

search a file and copy results, along with 10 lines after text

**grep -E 'mytext' myfile.txt -A 10 > newfile.txt**

grep AND operator

**grep -E 'mytex1.\*mytext2' myfile.txt**

grep OR operator

**grep -E 'mytex1|mytext2' myfile.txt**

grep and tail

**tail filename.txt | grep -E 'mytex1|mytext2'**

**sed**

*-i interactive, edit files in place*

*-e use an expression*

*/ special character follows*

*& search value, can be re-printed, for example*

search and remove entire line where found

**sed -ie ‘/yourtext/d’ file**

search and remove entire line, + 10 more lines below

**sed -ie '/yourtext/,+10d' file**

replace text with carriage return

**sed -ie 's/yourtext/\n/g' build-ltm-virtuals.yaml**

insert text at beginning of each line

**sed -ie 's/^/ thistext/' file**

insert text at end of each line

**sed -ie 's/.\*/& nextext/' file**

search with regexp (regular expression)

below searches for port numbers

/+ is 'repeats any number of times'

/NEWLINE& adds text NEWLINE along with the search result '&'

**sed -ie 's/:[0-9]\+/NEWLINE&/g' build-ltm-virtuals.yaml**

search and replace with line break

**sed -ie 's/ profiles add/\n/g' build-ltm-virtuals.yaml**

replace text and rest of text on a line

**sed -ie 's/least-connections.\*$//' dmz-pools.txt**

**awk**

remove all blank lines from a file

**awk 'NF' myfile.txt > tmp && mv tmp myfile.txt**

remove all duplicate lines, without sorting

**awk '!x[$0]++' myfile.txt > tmp && mv tmp myfile.txt**

**uniq & sort**

sort a file, then use awk to remove duplicate lines

**sort file.txt > tmp && uniq tmp > file.txt && rm tmp**

change all text to lowercase

**cat file.txt | awk '{print tolower($0)}' > tmp && mv tmp file.txt**