

# Sed CheatSheet

# LINUX

- PDF Link: [cheatsheet-sed-A4.pdf](#), Category: linux
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-sed-A4>

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See more CheatSheets from Denny: [#denny-cheatsheets](#)

Related post: [CheatSheet: Linux Find](#), [CheatSheet: shell](#)

## 1.1 Advanced sed

Name	Command
Update with auto backup	<code>sed -i.bak 's/localhost/myhost/g' my-file, ls my-file*, link: my-file</code>
Use variables in sed	<code>newip='127.0.1.1'; sed -i "s/127.0.0.1/\$newip/g" my-file link: unix.com</code>
Only replace the first match	<code>sed -i '0,/localhost/{s/localhost/newstring/}' my-file link: stackoverflow</code>
Replace multiple lines	<code>sed -i ':a;N;\$!ba;s/Host.*localhost//g' my-file link: stackexchange</code>
Add a new line to 3th line	<code>sed -i "3i mynew string" my-file</code>
Insert a line of text before a line	<code>sed -i '/KUBELET_NETWORK_ARGS/i newline' my-file</code>

## 1.2 GNUS sed - delete

Name	Command
Replace string	<code>sed -i 's/127.0.0.1/127.0.1.1/g' my-file link: my-file</code>
Use a different separator	<code>sed -i 's#127.0.0.1#127.0.1.1#g' my-file</code>
Use a different separator	<code>sed -i 's#https://www.test.com/test#http://www.try.com#g' my-file</code>
Delete pattern	<code>sed '/KUBELET_NETWORK_ARGS.*/d' my-file</code>
Delete matched lines	<code>sed -i 's/.KUBELET_NETWORK_ARGS.*/g' my-file</code>
Delete whitespace	<code>sed -i 's/ //g' my-file</code>
Delete empty lines	<code>sed -i '/^\$/d' my-file</code>
Delete 2nd to 4th lines	<code>sed -i '2,4d' my-file</code>
Delete leading whitespace	<code>sed -i 's/^[ \t]*// ' my-file</code>
Delete trailing whitespace	<code>sed -i 's/[ \t]*\$// ' my-file</code>

## 1.3 GNUS sed - insertion

Name	Command
Insert string to the begining of lines	<code>sed -i 's/^/head /g' my-file</code>
Insert string to the end of lines	<code>sed -i 's/\$/ tail/g' my-file</code>
Add a new line to 3th line	<code>sed -i "3i mynew string" my-file</code>
Add content after nth line	<code>sed -n -i 'p;3a "new string"' my-file, cat -n my-file link: unix.com</code>
Insert a line of text before a line	<code>sed -i '/KUBELET_NETWORK_ARGS/i newline' my-file</code>

## 1.4 GNUS sed - review

Name	Command
Print lines from 2nd to 6th	<code>sed -n '2,6p' my-file</code>

## 1.5 Freebsd sed on Mac

Name	Command
In-place sed	<code>sed -i "" 's/127.0.0.1/127.0.1.1/g' my-file, link:stackoverflow</code>

## 1.6 More Resources

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<http://sed.sourceforge.net/sed1line.txt>

<https://thornelabs.net/2016/02/01/sed-commands-cheat-sheet.html>

<http://www.grymoire.com/Unix/Sed.html>