



Text Editors

Linux Essentials
Session-5

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Text Editors



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Vim Editor



Vim Editor



- Vim is a powerful text editor used in CLI (command line interface).
- Vim is an editor to create or edit a text file.

Insert Mode

• You cannot write text in command mode. To write text into a file, there is a dedicated insert mode. When you want to write something on a file, you must enter the insert mode.

Command Mode

• When you start Vim, you are placed in Command mode. In this mode, you can move across the screen, delete text and copy text.

```
VIM - Vi IMproved
      version 8.0.1453
    by Bram Moolenaar et al.
Modified by pkg-vim-maintainers@lists.alioth.debian.org
Vim is open source and freely distributable

  Help poor children in Uganda!
type  :help iccf<enter>    for information
type  :q!<enter>          to exit
type  :help<enter> or :h<enter> for on-line help
type  :help version8<enter> for version info
```

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Vim Editor



Vim Command	Decription
i	Enter insert mode
Esc	Enter command mode
x or Del	Delete a character
X	Delete character is backspace mode
u	Undo changes
Ctrl + r	Redo changes
yy	Copy a line
dd	Delete a line
p	Paste the content of the buffer
[[or gg	Move to the beginning of a file
]] or G	Move to the end of a file
:%s/foo/bar/g	Search and replace all occurrences
Esc + :w	Save changes
Esc + :wq or Esc + ZZ	Save and quit Vim



Nano Editor





Nano Editor

GNU nano is a small and friendly text editor.
Besides basic text editing, nano offers features like:

- undo/redo
- syntax coloring
- interactive search-and-replace
- auto-indentation
- line numbers
- word completion
- file locking, backup files
- internationalization support.



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Nano Editor

- Unlike vi, nano is a modeless editor, which means that you can start typing and editing the text immediately after opening the file.
- To open an existing file or to create a new file, type nano followed by the file name.

```
nano filename
```



Nano Command	Meaning
Ctrl G	Get Help
Ctrl X	Exit
Ctrl O	Write Out
Ctrl R	Read File
Ctrl W	Where Is
Ctrl \	Replace
Ctrl K	Cut Text
Ctrl U	Uncut Text
Ctrl J	Justify
Ctrl T	To Spell
Ctrl C	Cur Pos
Alt U	Undo
Alt E	Redo

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Kahoot!

SSH Command



- * ssh stands for “Secure Shell”.
- * It is a protocol used to securely connect to a remote server/system.

`ssh user@host(IP/Domain_name)`

```
ssh -i cert.pem ec2-user@54.93.34.220
```

```
gakeko2018@DESKTOP-JA07K2U:~$ ssh -i cert.pem ec2-user@54.93.34.220
The authenticity of host '54.93.34.220 (54.93.34.220)' can't be established.
ECDSA key fingerprint is SHA256:lvCnUtJiig4s2U4aojBonZOSbzGPBMOpB9yPPoGjVEo.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '54.93.34.220' (ECDSA) to the list of known hosts.

 _ | _ | _ )
 _ | ( _ | /   Amazon Linux 2 AMI
 _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 13 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-35-15 ~]$
```



THANKS!