Linux: Padag managery yum, apt;

-y Install webserver on Linux vm;

Server

Server

Server

-) enable SSH

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- --> Webserver is software which is used to run websites
- --> We can use 'httpd' as a webserver in amazon Linux vm
- \$ sudo yum install httpd -->install webserver
- \$ sudo service httpd start --> start the webserver
- \$ cd /var/www/html --> navigate to website content directory
- \$ sudo vi index.html --> I to get into insert mode --> <h1> content </h1> -> esc -> :wq! -->
- --> httpd webserver runs on 80 port number.

To acess our webserver we need to enable 80 port number in security group inbound rules After all we can acess our webserver using ec20 vm public ip .

Some of the common tasks that systemctl can perform -->

- --> Starting service
- --> Stopping services
- --> Reload services
- --> Re start services
- ---> Enable/disable services

start a service : systemctl start service-name stop a service : systemctl stop service-name

Restart a service : systemctl restart service-name

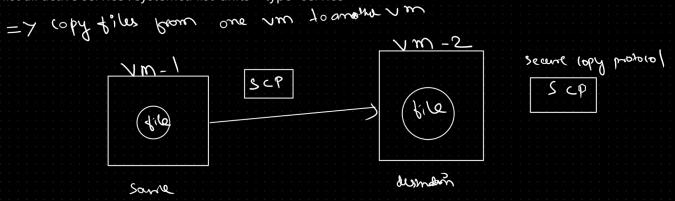
Reload config file for a service without stopping it: systemctl reload service-name

Enable a service to start automatically at boot time: systemctl enable service-name

Disable a service to start automatically at boot time: systemctl disable service-name

Current status of a service : systemctl status service-name



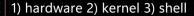


\$ scp -l <pem-file> <source-file-path> username@dest-vm-public ip :/dest/path

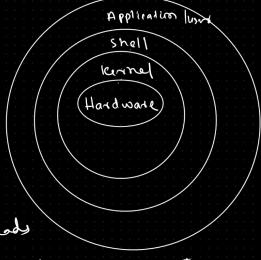
example: sudo scp -i linux-devops-keypair.pem alien.txt ec2-user@13.127.111.178:/home/ec2-user/

Linux is CLI based free and open source OS

- -> Its secured
- -> Its Multi User based OS
- --> Highly Recommended for project related servers (docker, Jenkins, k8s, nexus, sonar, webservers ..)



=7 shell -7 mediator blw
user & kinnel
!!
prows our commands



=> bornel -> program which reads

shell command & giss to handwere componits

> when we execute any Linux command, shell will read our command and it will translate our command into kernel understandable format

-- --> kernel s/w will convert our command into Linux machine hardware understandable format

-> set & commands we text in a file for execution

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Instead of executing these commands one after the other manually , we can keep them inside a file and execute that file this process is referred as Scripting

--> The Process of executing the script file using shell is called as Shell Scripting --> Automate the usuall or regular task in a project

-> we create shell script file with shexuminon

-> & vi sind-scriptish

(a)

date

pud

-> \*\*scat fint-scriptish

\*\*sh fint-scriptish

=> \*\*sh fint-sc