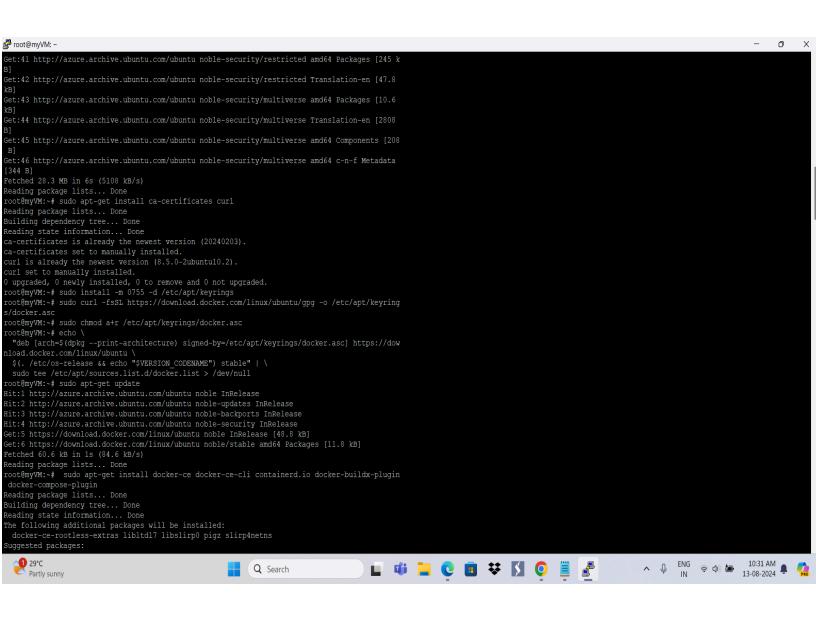
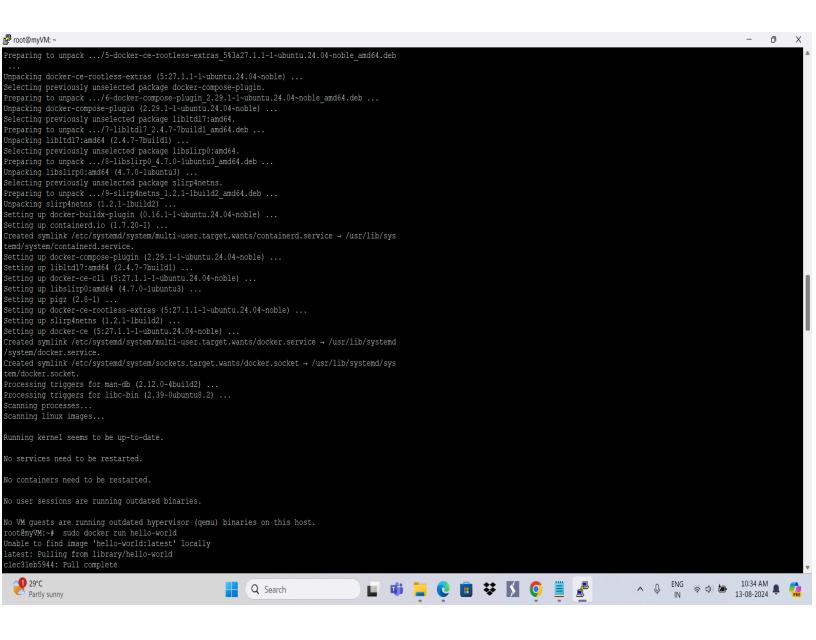
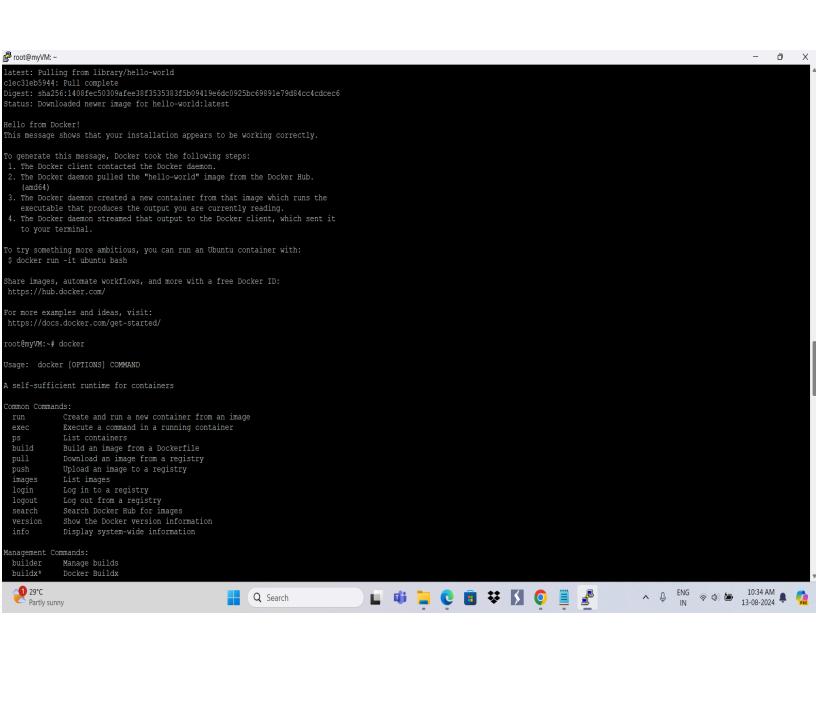
- 0 X 🗗 root@myVM: ~ p login as: anusha954
p anusha954@20.70.141.13's password: Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1012-azure x86 64) \* Management: https://landscape.canonical.com https://ubuntu.com/pro System information as of Tue Aug 13 04:10:24 UTC 2024 System load: 0.08 Usage of /: 5.0% of 28.02GB Users logged in: Memory usage: 3% IPv4 address for eth0: 10.0.0.4 Swap usage: 0% Expanded Security Maintenance for Applications is not enabled. 0 updates can be applied immediately. Enable ESM Apps to receive additional future security updates. See https://ubuntu.com/esm or run: sudo pro status The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright. Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law. To run a command as administrator (user "root"), use "sudo <command>". See "man sudo root" for details. anusha954@myVM:~\$ sudo su root@myVM:~# # dnf -y install yum-utils root@myVM:~# sudo apt-get update Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease Get:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB] Get:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB] Get:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease [126 kB] Get:5 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB] Get:6 http://azure.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB] Get:7 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB] Get:8 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB] Get:9 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB] Get:10 http://azure.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB] Get:11 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB] Get:12 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B] ENG (N) (10:30 AM 13-08-2024 ♣ (10:30 AM 13-08-2024 ♣ **1** 29°C Q Search Partly sunny

- 0 X ₽ root@myVM: ~ Get:12 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B] Get:13 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [346 kB] Get:14 http://azure.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [86.9 kB] Get:15 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [321 kB] Get:16 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [135 kB] Get:17 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [45.0 k Get:18 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [12 .7 kB] Get:19 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [245 kB Get:20 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [47.8 k Get:21 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [14.1 k Get:22 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3608 B Get:23 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [212 Get:24 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [ 532 B] Get:25 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B] Get:26 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 Get:27 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [10.3 k Get:28 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [10.5 k Get:30 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [ 1016 B] Get:31 http://azure.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [21 [116 B] Get:33 http://azure.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [21 2 B] Get:34 http://azure.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B] Get:35 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 Packages [293 kB] Get:36 http://azure.archive.ubuntu.com/ubuntu noble-security/main Translation-en [67.1 kB] Get:37 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Packages [249 kB] Get:38 http://azure.archive.ubuntu.com/ubuntu noble-security/universe Translation-en [108 kB] Get:39 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Components [8632 Get:40 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [9 376 B] Get:41 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [245 k 29°C Partly sunny 10:31 AM ବ ଏ) **ଜ** Q Search 13-08-2024

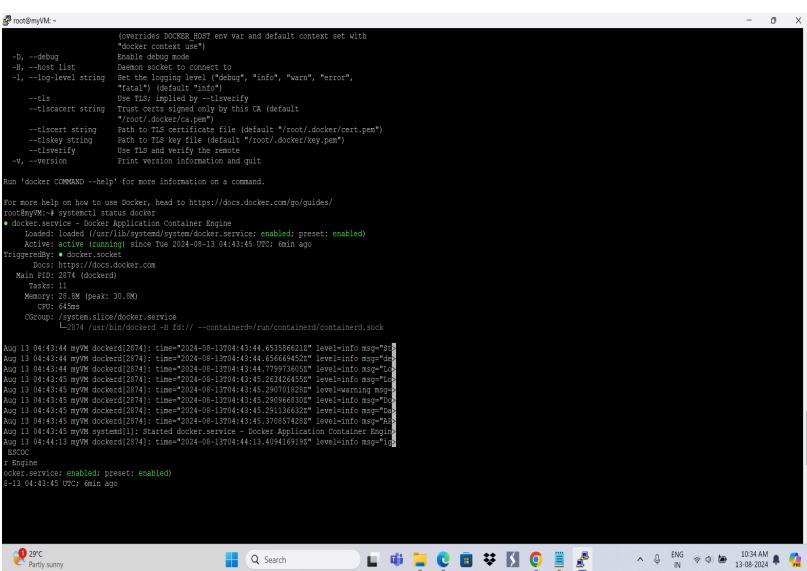


- o × The following additional packages will be installed: docker-ce-rootless-extras libltdl7 libslirp0 pigz slirp4netns Suggested packages: aufs-tools cgroupfs-mount | cgroup-lite The following NEW packages will be installed: containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin libltdl7 libslirp0 pigz slirp4netns upgraded, 10 newly installed, 0 to remove and 0 not upgraded. Need to get 122 MB of archives. Get:2 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 libltdl7 amd64 2.4.7-7build1 [4 0.3 kB] Get:3 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 libslirp0 amd64 4.7.0-1ubuntu3 Get:4 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 slirp4netns amd64 1.2.1-1bu ild2 [34.9 kB] 1 [30.5 MB] Get:6 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-buildx-plugin amd64 1-1~ubuntu.24.04~noble [14.6 MB] Get:8 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce amd64 5:27.1.1-1~ubuntu.24.04~noble [25.3 MB] Get:9 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-rootless-extras a md64 5:27.1.1-1~ubuntu.24.04~noble [9318 kB]
Get:10 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-compose-plugin amd6 4 2.29.1-1~ubuntu.24.04~noble [12.5 MB] Fetched 122 MB in 2s (75.5 MB/s) Selecting previously unselected package pigz. (Reading database ... 64525 files and directories currently installed.) Preparing to unpack .../0-pigz\_2.8-1\_amd64.deb ... Jnpacking pigz (2.8-1) ... Selecting previously unselected package containerd.io. Unpacking containerd.io (1.7.20-1) ... Selecting previously unselected package docker-buildx-plugin. Preparing to unpack .../2-docker-buildx-plugin\_0.16.1-1~ubuntu.24.04~noble\_amd64.deb ... npacking docker-buildx-plugin (0.16.1-1~ubuntu.24.04~noble) ... Selecting previously unselected package docker-ce-cli. Preparing to unpack .../3-docker-ce-cli 5%3a27.1.1-1~ubuntu.24.04~noble amd64.deb ... Inpacking docker-ce-cli (5:27.1.1-1~ubuntu.24.04~noble) ... Selecting previously unselected package docker-ce. Preparing to unpack .../4-docker-ce\_5%3a27.1.1-1~ubuntu.24.04~noble\_amd64.deb ... npacking docker-ce (5:27.1.1-1~ubuntu.24.04~noble) ... Selecting previously unselected package docker-ce-rootless-extras. Preparing to unpack .../5-docker-ce-rootless-extras 5%3a27.1.1-1~ubuntu.24.04~noble amd64.deb 29°C Partly sunny 🖿 👊 📜 🥲 🛅 💝 🚺 🔘 🧵 🔮 Q Search





- ō builder Manage builds Docker Buildx Manage plugins Manage Docker Manage trust on Docker images Manage volumes volume Swarm Commands: Manage Swarm ommands: Attach local standard input, output, and error streams to a running container Create a new image from a container's changes Copy files/folders between a container and the local filesystem commit Create a new container create Inspect changes to files or directories on a container's filesystem Get real time events from the server Export a container's filesystem as a tar archive Show the history of an image Import the contents from a tarball to create a filesystem image Load an image from a tar archive or STDIN List port mappings or a specific mapping for the container rename Restart one or more containers Remove one or more containers Save one or more images to a tar archive (streamed to STDOUT by default) Start one or more stopped containers Display a live stream of container(s) resource usage statistics Create a tag TARGET\_IMAGE that refers to SOURCE\_IMAGE Unpause all processes within one or more containers unpause Update configuration of one or more containers update Block until one or more containers stop, then print their exit codes Global Options: Location of client config files (default "/root/.docker") Name of the context to use to connect to the daemon 29°C Partly sunny ENG (N) (20) (20) (10:34 AM (13-08-2024) ^ Q Q Search



































r.service - Docker Application Container Engine.
-08-13T04:44:13.4094169192" level=info msg="ignoring event" container=9a11591fb226fb2646374f> root@myVM:-# docker container create nginx Unable to find image 'nginx:latest' locally latest: Pulling from library/nginx efc2b5ad9eec: Pull complete 8fe9a55eb80f: Pull complete 7111b42b4bfa: Pull complete 9e891cdb453b: Pull complete

-08-13T04:43:45.291136632Z" level=info msg="Daemon has completed initialization" -08-13T04:43:45.370857428Z" level=info msg="API listen on /run/docker.sock"



Off11e17345c5: Pull complete

























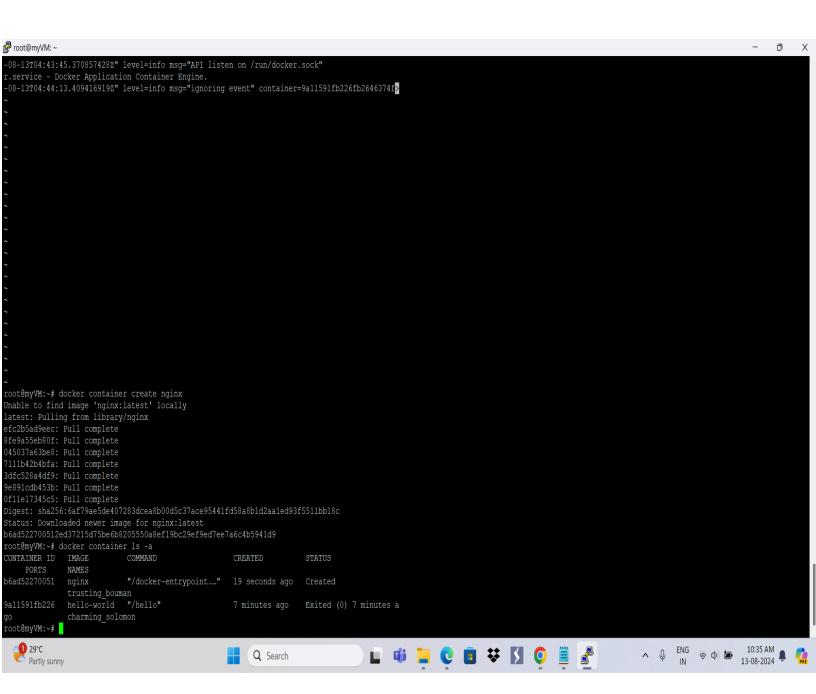


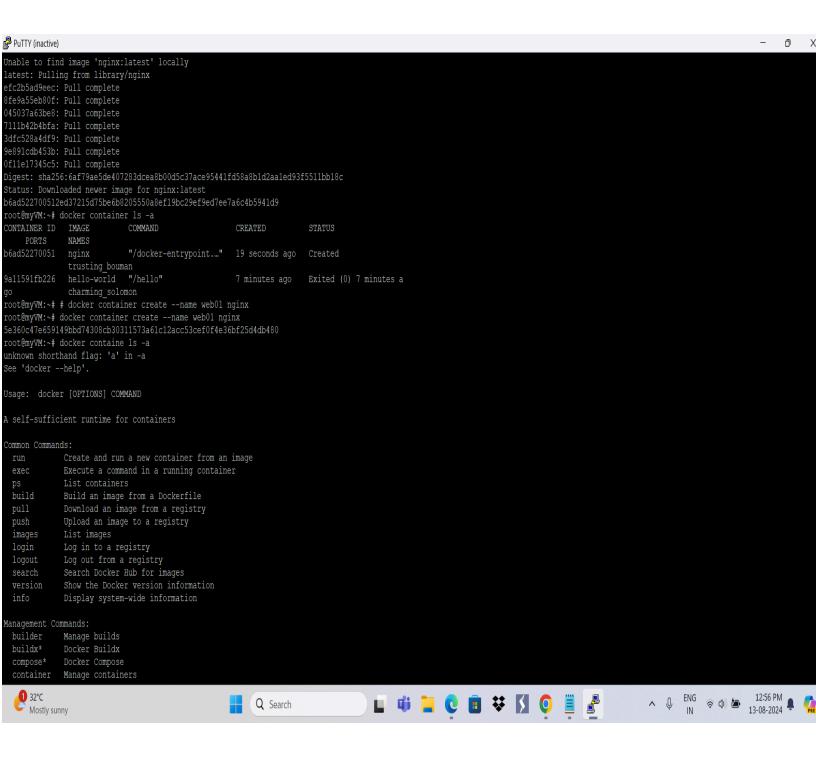












PuTTY (inactive) - o × image Manage images network plugin Manage networks Manage plugins system trust Manage trust on Docker images Manage volumes Swarm Commands: Attach local standard input, output, and error streams to a running container Create a new image from a container's changes Copy files/folders between a container and the local filesystem commit Create a new container
Inspect changes to files or directories on a container's filesystem
Get real time events from the server
Export a container's filesystem as a tar archive
Show the history of an image
Import the contents from a tarball to create a filesystem image
Peturn levelevel information on Docker chiects diff events export history inspect kill Return low-level information on Docker objects Kill one or more running containers logs pause Fetch the logs of a container Pause all processes within one or more containers rename Rename a container Restart one or more containers Remove one or more containers Remove one or more images Save one or more images to a tar archive (streamed to STDOUT by default) start stats Start one or more stopped containers
Display a live stream of container(s) resource usage statistics Stop one or more running containers

Create a tag TARGET\_IMAGE that refers to SOURCE\_IMAGE

Display the running processes of a container tag top Update configuration of one or more containers Block until one or more containers stop, then print their exit codes Hobal Options: -config string Location of client config files (default "/root/.docker") -c, --context string Name of the context to use to connect to the daemon (overrides DOCKER HOST env var and default context set with -D, --debug -H, --host list Enable debug mode
Daemon socket to connect to NIFTY -0.24% Q Search

- o × PuTTY (inactive) -D, --debug Enable debug mode -H, --host list Daemon socket to connect to Set the logging level ("debug", "info", "warn", "error", "fatal") (default "info") Use TLS; implied by --tlsverify
Trust certs signed only by this CA (default --tlscacert string --tlscert string Path to TLS certificate file (default "/root/.docker/cert.pem") Use TLS and verify the remote Print version information and quit Run 'docker COMMAND --help' for more information on a command. For more help on how to use Docker, head to https://docs.docker.com/go/guides/ root@myVM:~# docker container start web01 web01 root@myVM:~# docker container ls CONTAINER ID IMAGE COMMAND CREATED NAMES 5e360c47e659 nginx web01 "/docker-entrypoint..." 28 minutes ago Up 24 minutes 80/tcp root@myVM:~# docker container run --name server01 centos Unable to find image 'centos:latest' locally Digest: sha256:a27fd8080b517143cbbbab9dfb7c8571c40d67d534bbdee55bd6c473f432b177 Status: Downloaded newer image for centos:latest root@myVM:~# docker container ls -a CONTAINER ID IMAGE PORTS COMMAND CREATED NAMES "/bin/bash" 33 seconds ago Exited (0) 31 secon ds ago server01 30 minutes ago Up 26 minutes 80/tcp b6ad522/0051 nginx trusting\_bouman 9a11591fb226 hello-world "/hello" hour ago charming\_solomon About an hour ago Exited (0) About an root@myVM:~# docker container run --name server02 -i -t centos PID TTY TIME CMD 1 pts/0 00:00:00 bash 15 pts/0 00:00:00 ps [root@0b0a85a8e71f /]# exit exit root@myVM:~# docker container ls -a CONTAINER ID IMAGE COMMAND CREATED NIFTY -0.24% 🖿 🐠 📜 📀 📵 🗱 🚺 🗿 📱 🔮 Q Search

- o × PuTTY (inactive) earch qb0c3dhvpffednttstsfbbhgse.px.internal.cloudapp.net # Based on host file: '/run/systemd/resolve/resolv.conf' (legacy)
# Overrides: [] root@myVM:~# docker container rename server03 server003 root@myVM:~# docker container ls CONTAINER ID IMAGE CREATED server003 5e360c47e659 "/docker-entrypoint..." Up 36 minutes 80/tcp 40 minutes ago web01 root@myVM:~# docker container pause server003 server003 root@myVM:~# docker container ls NAMES 6 minutes ago "/bin/bash" Up 6 minutes (Paused) de360c47e659 nginx "/docker-entrypoint..." 41 minutes ago Up 36 minutes /tcp web01 root@myVM:~# docker container unpause server003 server003 coot@myVM:~# docker container ls COMMAND NAMES "/bin/bash" 6 minutes ago Up 6 minutes server003 5e360c47e659 "/docker-entrypoint..." 42 minutes ago Up 37 minutes root@myVM:~# docker container stop server003 root@myVM:~# docker container ls -a CONTAINER ID IMAGE PORTS NA COMMAND CREATED NAMES Odfcac480a26 centos "/bin/bash" Exited (0) 11 secon 7 minutes ago server003 ds ago )b0a85a8e71f 10 minutes ago Exited (0) 9 minute ago About an hour ago Created trusting\_bouman hello-world "/hello" Exited (0) 2 hours 2 hours ago charming solomon NIFTY -0.24% 12:57 PM 13-08-2024 • PRE ^ Q Q Search 

PuTTY (inactive)				-	٥	X
9a11591fb226	hello-world	"/hello"	2 hours ago	Exited (0) 2 hours		
ago	charming					
root@myVM:~# docker containr start server003						
docker: 'containr' is not a docker command.						
See 'dockerhelp'						
	docker containe	r start ser <b>v</b> er003				
server003						
_	docker containe		(D.D.) (D.D.)			
CONTAINER ID		COMMAND	CREATED	STATUS		
PORTS 0dfcac480a26	S NAMES centos	"/bin/bash"	0 minutes age	In 10 gogonda		
UUICAC40UAZ0	server003		9 minutes ago	Up 19 seconds		
0b0a85a8e71f	centos	"/bin/bash"	12 minutes ago	Exited (0) 11 minut		
es ago	server02	/ DIII/ DUSII	12 Minaces age	BALLOCA (6) 11 MINUTE		
96c3164ddce7	centos	"/bin/bash"	14 minutes ago	Exited (0) 14 minut		
es ago	server01					
5e360c47e659		"/docker-entrypoint"	44 minutes ago	Up 40 minutes		
80/to						
b6ad52270051	nginx	"/docker-entrypoint"	About an hour ago	Created		
	trusting_					
9a11591fb226	hello-world	"/hello"	2 hours ago	Exited (0) 2 hours		
ago	charming_					
	docker containe	r kill server003				
server003						
_	docker containe		GD D 3 MDD			
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS		
0dfcac480a26	RTS NAMES centos	"/bin/bash"	10 minutes ago	Exited (137) 13 sec		
onds ago	server0		10 minutes ago	EATICE (157) 13 Sec		
0b0a85a8e71f	centos	"/bin/bash"	13 minutes ago	Exited (0) 12 minut		
es ago	server0					
96c3164ddce7	centos	"/bin/bash"	15 minutes ago	Exited (0) 15 minut		
es ago	server0					
5e360c47e659	nginx	"/docker-entrypoint"	45 minutes ago	Up 41 minutes		
	/tcp web01					
b6ad52270051	nginx	"/docker-entrypoint"	About an hour ago	Created		
		g_bouman				
9a11591fb226	hello-world	"/hello"	2 hours ago	Exited (0) 2 hours		
ago		g_solomon				
root@myvM:~# 0	docker containe	r restart server003				
	docker containe	r le _a				
CONTAINER ID		COMMAND	CREATED	STATUS		
PORTS		COLUMNIA	OTHER TEN			
Odfcac480a26	centos	"/bin/bash"	11 minutes ago	Up 9 seconds		
	server003					
0b0a85a8e71f		"/bin/bash"	14 minutes ago	Exited (0) 13 minut		
es ago	server02					
96c3164ddce7	centos	"/bin/bash"	16 minutes ago	Exited (0) 16 minut		
<b>NIFTY</b>				ENC 10:00	7 PM	
-0.24%			Q Search	□ 📫 🗀 C 🛅 😻 🚺 O 🗒 🗗 ^ 0 ENG 🖘 Φ 🖢 12:51		PRE
0.2170				1300		

- o > PuTTY (inactive) 6e360c47e659 nginx "/docker-entrypoint..." 46 minutes ago Up 41 minutes trusting\_bouman 9a11591fb226 hello-world "/hello" ago charming\_solomon Exited (0) 2 hours 2 hours ago ago charming Solomon root@myVM:~# docker container run --name web02 -dit -p 8080:80 ngix
Unable to find image 'ngix:latest' locally
docker: Error response from daemon: pull access denied for ngix, repository does not exist or
may require 'docker login': denied: requested access to the resource is denied. See 'docker run --help'.
root@myVM:~# docker container run --name web02 -dit -p 8080:80 nginx
8fa9af116fa69ca97e712b883e782dcbb74bef125f033a068729615f354f3a82 root@myVM:~# docker container ls CONTAINER ID IMAGE COMMAND CREATED NAMES "/docker-entrypoint..." 20 seconds ago 8fa9af116fa6 nginx "/docker-en 80->80/tcp, :::8080->80/tcp web02 Up 20 seconds "/docker-entrypoint..." 48 minutes ago Up 44 minutes 80/tcp root@myVM:~# docker container run --name web03 -dit -P nginx fcd2949948f616f46f244de6051364c4fb7c7090ca6ca33e5f099410e61f09a7 coot@myVM:~# docker container ls NAMES fcd2949948f6 nginx "/docker-entrypoint..."
0.0.0:32768->80/tcp web03 12 seconds ago Up 11 seconds 0.0.0:32768->807tcp, "/docker-entrypoine... 8fa9af116fa6 nginx "/docker-entrypoine... 0.0.0:8080->80/tcp, :::8080->80/tcp web02 "/bin/bash" servei "/docker-entrypoint..." Up About a minute 0dfcac480a26 centos 14 minutes ago Up 3 minutes 49 minutes ago Up 45 minutes /tcp web01 root@myVM:~# docker container inspect web02 | grep -e "HostPort" -e "IPAddress" | uniq "HostPort": "8080"
"SecondaryIPAddresses": null,
"IPAddress": "172.17.0.4",
"IPAddress": "172.17.0.4", coot@myVM:~# curl 172.17.0.4 <!DOCTYPE html> <html> html { color-scheme: light dark; } body { width: 35em; margin: 0 auto; NIFTY -0.24% Q Search

```
00:00:00 bash
  024-08-13T06:07:33.872989264Z
                                                 15 pts/0
                                                                00:00:00 ps
2024-08-13T06docker container prune -fdfcac480a26 /]# root@myVM:~# docker container prune -f
Deleted Containers:
0b0a85a8e71ffd08dabb8f6e48e08505981ba339802d742c9ec7464455580dbe
96c3164ddce75e43f37d6821da986ab2bc0bb184d86b46f39aa139392858ba91
b6ad522700512ed37215d75be6b8205550a8ef19bc29ef9ed7ee7a6c4b5941d9
root@myVM:~\# docker container ls -a
CONTAINER ID IMAGE
                                 COMMAND
                                                                    CREATED
                                                                                       STATUS
                                   NAMES
                                                                                      Up 5 hours
                                                                                                        0.0.0.0:32768->8
                                                                   5 hours ago
0/tcp, :::32768->80/tcp
8fa9af116fa6 nginx
/tcp, :::8080->80/tcp
                                   web03
                                 "/docker-entrypoint..."
                                                                   5 hours ago
                                                                                      Up 5 hours
                                                                                                        0.0.0.0:8080->80
                                   web01
root@myVM:~# docker container stop server003
server003
root@myVM:~# docker container rm server003
server003
root@myVM:~# docker container rm web01 web02 web03 -f
web03
root@myVM:~# docker container ls -a
CONTAINER ID IMAGE COMMAND CREATED
                                                            STATUS
                                                                                        NAMES
root@myVM:~# docker image rm nginx centos
Untagged: nginx@sha256:6af79ae5de407283dcea8b00d5c37ace95441fd58a8b1d2aa1ed93f5511bb18c
Deleted: sha256:5234252bfd2bba1548a4998869e9a01aedfe3b319ce61acbe98f8aec223640e7
Deleted: sha256:b292d631e6ca5af8269dc2cf3ec47be1f9faa0865b2aaa794daa2b8c25ea8cb4
Deleted: sha256:beda8840654459fe0efc1cd0bcae6a00b65b469cc999ebc41608b53c51fb93b4
Deleted: sha256:7a69d5090b2e7d873a365c81c590b2e6b87a702178b22b3c32c50d35eb7616fc
Deleted: sha256:e0781bc8667fb5ebf954df4ae52997f6f5568ec9f07e21e5db7c9d324ed41e1f
Deleted: sha256:5d0da3dc976460b72c77d94c8a1ad043720b0416bfc16c52c45d4847e53fadb6
Deleted: sha256:74ddd0ec08fa43d09f32636ba91a0a3053b02cb4627c35051aff89f853606b59
root@myVM:~#
   34°C
Sunny
                                                                                                                     Q Search
```

04:44 PM

13-08-2024

♠ ♠ ♠

IN

