

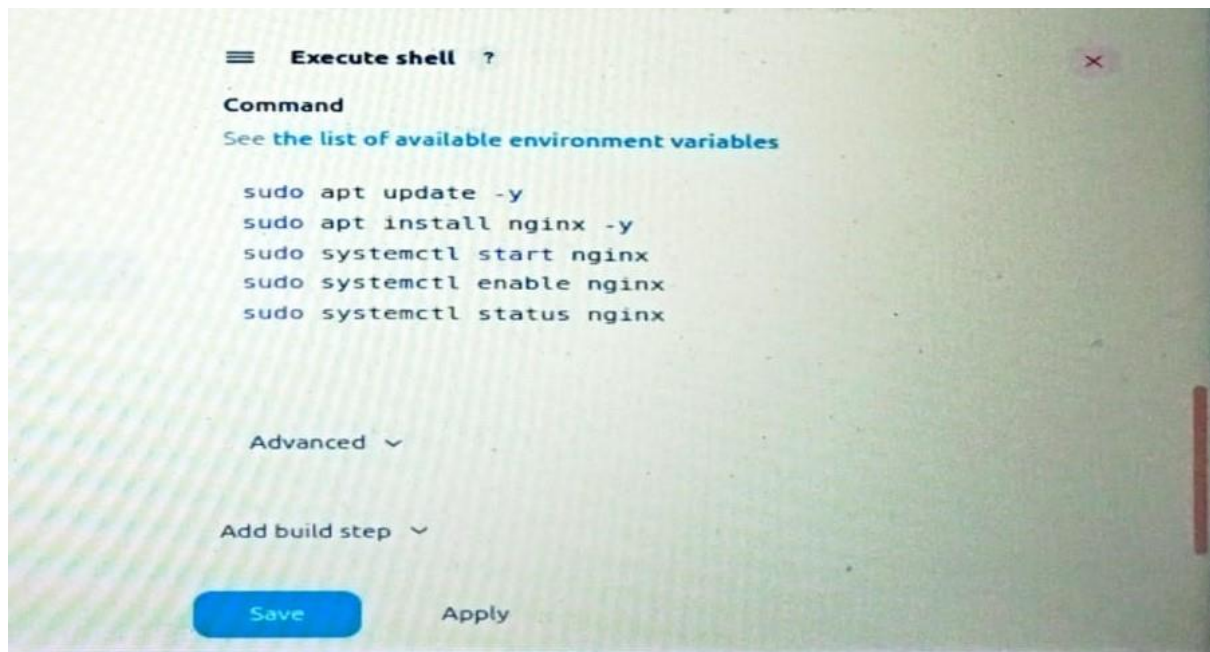
Devops

DAY 1:JENKINS(Installing and setting up Jenkins on Linux machine)

#ip addr

```
dharshini@DESKTOP-450I9J0: ~  
dharshini@DESKTOP-450I9J0:~$ ip addr  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet 10.255.255.254/32 brd 10.255.255.254 scope global lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host  
        valid_lft forever preferred_lft forever  
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000  
    link/ether 00:15:5d:34:86:dc brd ff:ff:ff:ff:ff:ff  
    inet 172.21.102.110/20 brd 172.21.111.255 scope global eth0  
        valid_lft forever preferred_lft forever  
    inet6 fe80::215:5dff:fe34:86dc/64 scope link  
        valid_lft forever preferred_lft forever
```

#Execute Shell(Commands)



#Console Output

```
rd > task-1 > #1 > Console Output

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
Synchronizing state of nginx.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable nginx
Rule added
Rule added (vs)
Firewall reloaded
• nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
  Active: active (running) since Mon 2025-03-17 12:56:26 UTC; 40s ago
  Docs: man:nginx(8)
  Main PID: 57219 (nginx)
  Tasks: 3 (limit: 5184)
  Memory: 3.3M
  CPU: 276ms
  CGroup: /system.slice/nginx.service
          └─57219 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─57221 "nginx: worker process"
                └─57222 "nginx: worker process"

Mar 17 12:56:26 maari systemd[1]: Starting A high performance web server and a reverse proxy server...
Mar 17 12:56:26 maari systemd[1]: Started A high performance web server and a reverse proxy server.
Finished: SUCCESS
```

```
● nginx.service - A high performance web server and a reverse proxy server
Console Output
Loaded: loaded (/lib/systemd/system/nginx.service;
enabled; vendor preset: enabled)
Active: active (running) since Tue 2025-03-18
10:12:15 IST; 10s ago
Docs: man:nginx(8)
Main PID: 3964 (nginx)
Tasks: 2 (limit: 3503)
CGroup: /system.slice/nginx.service
        └─3964 nginx: master process /usr/sbin/nginx
           -g daemon on; master_process on;
              └─3965 nginx: worker process

Mar 18 10:12:15 Ubuntu systemd[1]: Starting A high
performance web server and a reverse proxy server...
Mar 18 10:12:15 Ubuntu systemd[1]: nginx.service: Failed
to parse PID from file /run/nginx.pid: Invalid argument
Mar 18 10:12:15 Ubuntu systemd[1]: Started A high
performance web server and a reverse proxy server.
Finished: SUCCESS

REST API Jenkins 2.492.2
```

#Welcome Page

