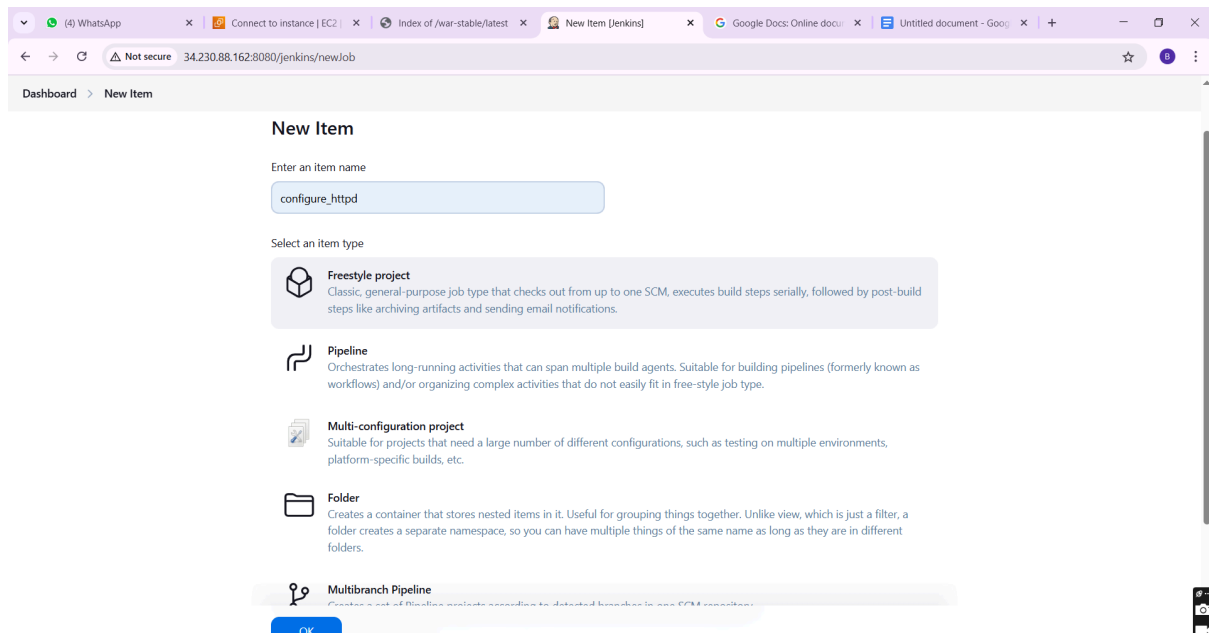


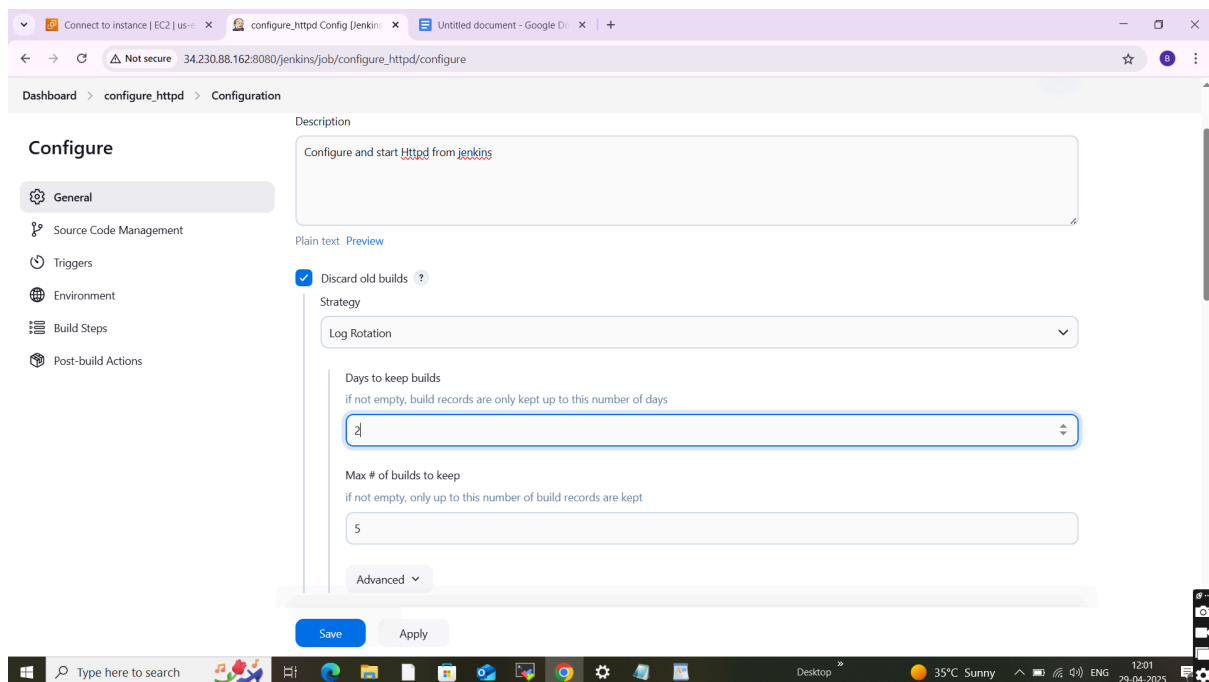
Assignment 1 - Create job to Install Httpd server

Step 1:

1. Create job with freestyle project.



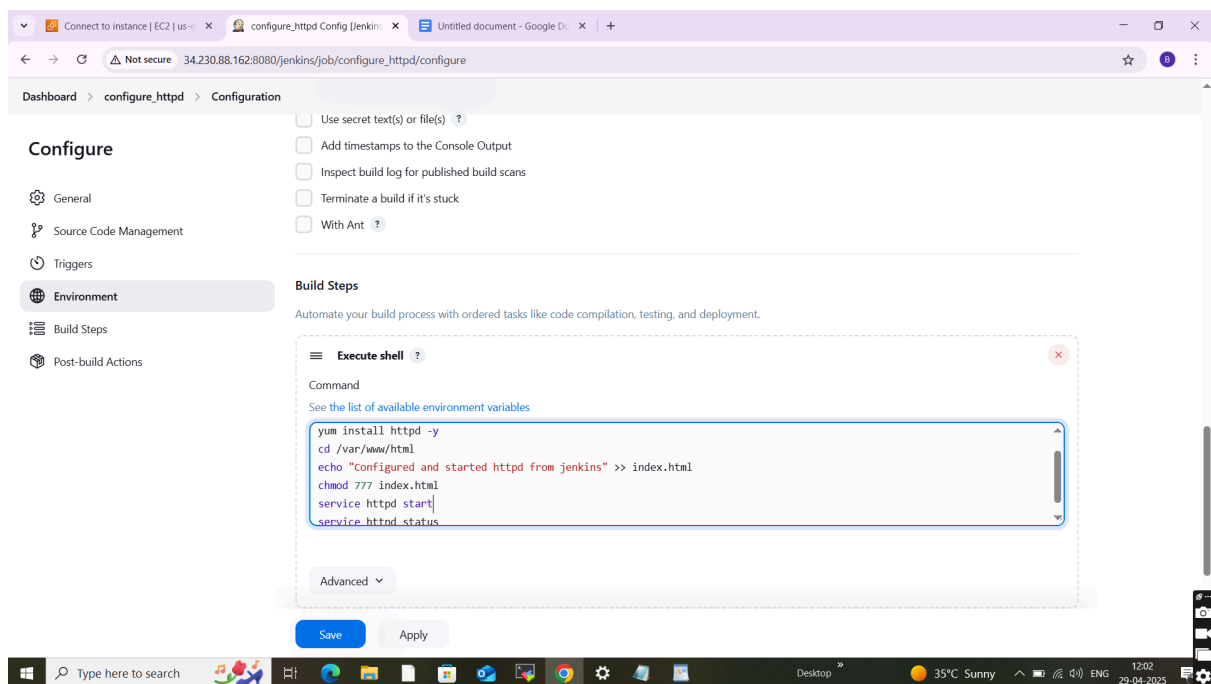
Step 2: Add description and enable discard old build strategy



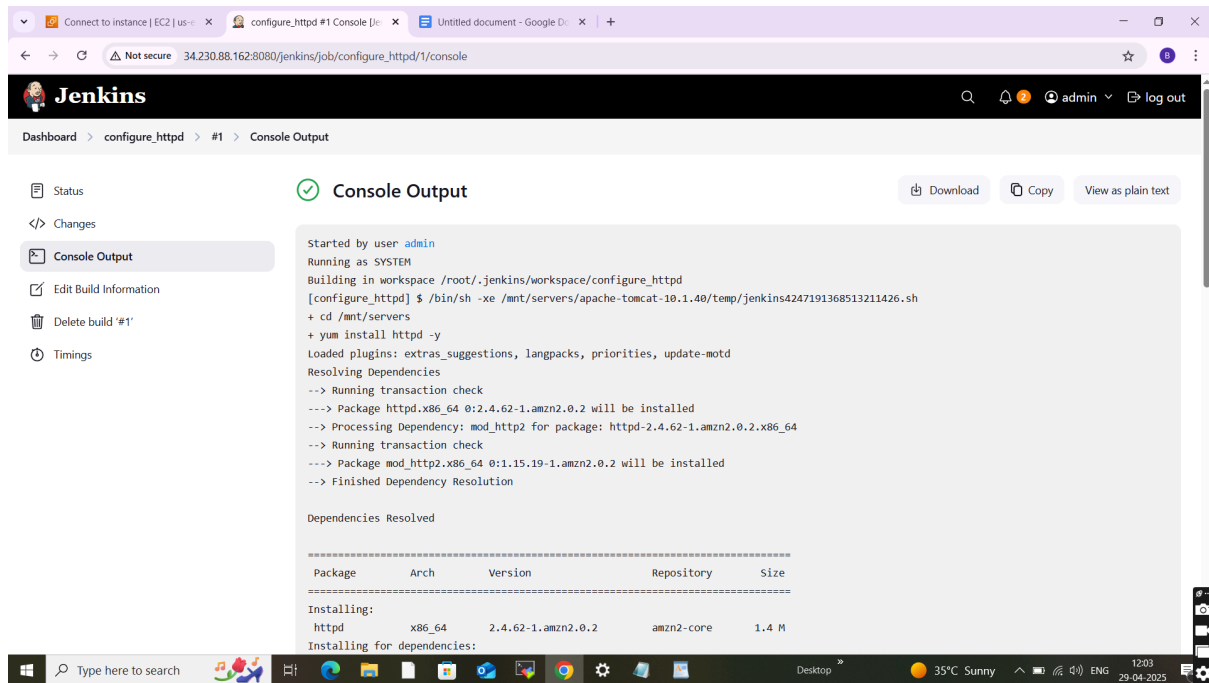
3.Add build steps with execute shell and add below script to install and start httpd

```
cd /mnt/servers
yum install httpd -y
cd /var/www/html
echo " Configured httpd from jenkins" >> index.html
chmod 777 index.html
service httpd start
service httpd status
```

After adding script click on apply and save



4. Now build the job and check console output



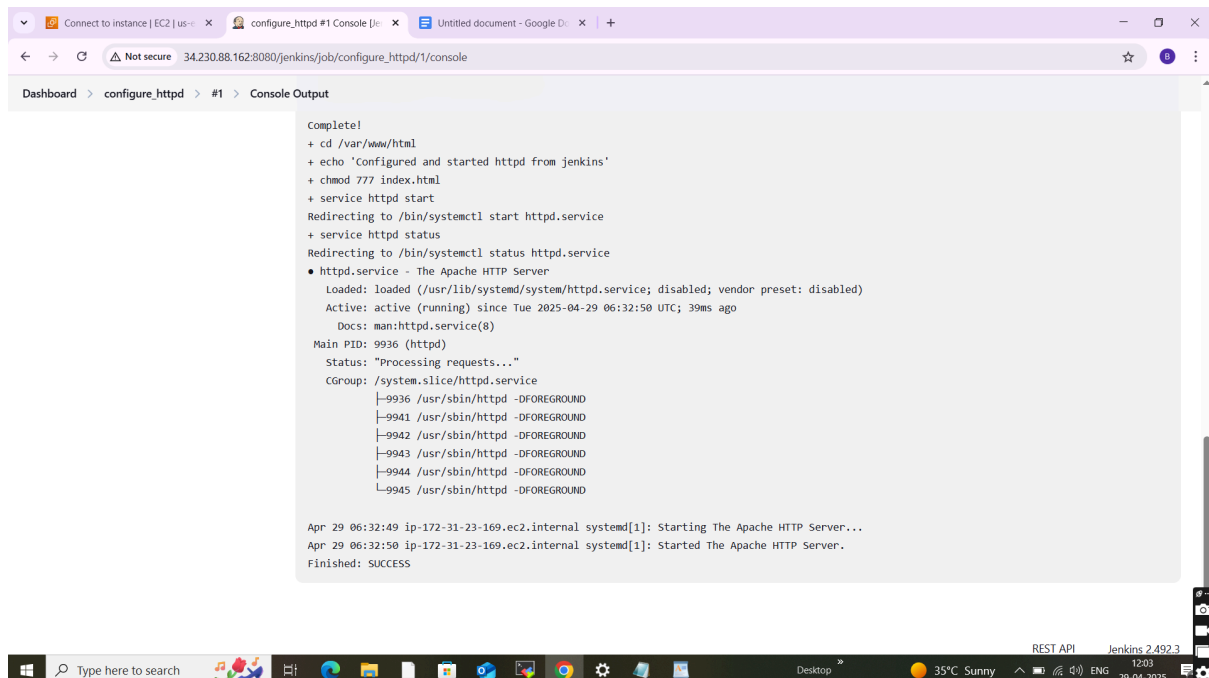
Started by user admin
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/configure_httpd
[configure_httpd] \$ /bin/sh -xe /mnt/servers/apache-tomcat-10.1.40/temp/jenkins4247191368513211426.sh
+ cd /mnt/servers
+ yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.62-1.amzn2.0.2 will be installed
--> Processing Dependency: mod_http2 for package: httpd-2.4.62-1.amzn2.0.2.x86_64
--> Running transaction check
--> Package mod_http2.x86_64 0:1.15.19-1.amzn2.0.2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====

Package	Arch	Version	Repository	Size
httpd	x86_64	2.4.62-1.amzn2.0.2	amzn2-core	1.4 M

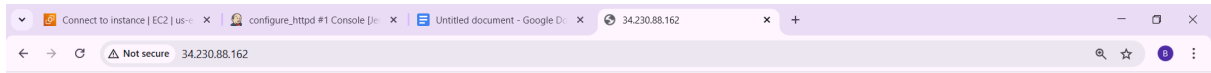
Installing for dependencies:



Complete!
+ cd /var/www/html
+ echo 'configured and started httpd from jenkins'
+ chmod 777 index.html
+ service httpd start
Redirecting to /bin/systemctl start httpd.service
+ service httpd status
Redirecting to /bin/systemctl status httpd.service
• httpd.service - The Apache HTTP Server
loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
Active: active (running) since Tue 2025-04-29 06:32:50 UTC; 39ms ago
Docs: man:httpd.service(8)
Main PID: 9936 (httpd)
Status: "Processing requests..."
CGroup: /system.slice/httpd.service
└─9936 /usr/sbin/httpd -DFOREGROUND
└─9941 /usr/sbin/httpd -DFOREGROUND
└─9942 /usr/sbin/httpd -DFOREGROUND
└─9943 /usr/sbin/httpd -DFOREGROUND
└─9944 /usr/sbin/httpd -DFOREGROUND
└─9945 /usr/sbin/httpd -DFOREGROUND

Apr 29 06:32:49 ip-172-31-23-169.ec2.internal systemd[1]: Starting The Apache HTTP Server...
Apr 29 06:32:50 ip-172-31-23-169.ec2.internal systemd[1]: Started The Apache HTTP Server.
Finished: SUCCESS

5. Now access index.html from browser



Configured and started httpd from jenkins

