

# CI/CD Assignment

*Submitted by:Adesh kumar shukla  
Employee Id :1601*

# Creating instance in AWS

Activities Google Chrome Aug 24 14:05

Docker Hub Instances | EC2 Management Console adesh8299/node-hello: S x +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#instances:instanceState=running;sort=instanceId

Apps Gmail YouTube Maps classroom calendar keka

aws Services Search for services, features, marketplace products, and docs [Alt+S]

adesh\_8299 Ohio Support

New EC2 Experience Learn more

EC2 Dashboard Events Tags Limits INSTANCES Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations IMAGES AMIs ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager NETWORK & SECURITY Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces LOAD BALANCING Load Balancers Target Groups AUTO SCALING

Launch Instance Connect Actions

Instance State: Running Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring
jenkinsfirstpr...	i-0bc88b550cdf0d350	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-3-140-196-135.us-...	3.140.196.135	-	demo-pair	disabled

Instance: i-0bc88b550cdf0d350 (jenkinsfirstproject) Public DNS: ec2-3-140-196-135.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID	i-0bc88b550cdf0d350	Public DNS (IPv4)	ec2-3-140-196-135.us-east-2.compute.amazonaws.com
Instance state	running	IPv4 Public IP	3.140.196.135
Instance type	t2.micro	IPv6 IPs	-
Finding	Opt-in to AWS Compute Optimizer for recommendations. <a href="#">Learn more</a>	Elastic IPs	
Private DNS	ip-172-31-11-76.us-east-2.compute.internal	Availability zone	us-east-2a
Private IPs	172.31.11.76	Security groups	<a href="#">launch-wizard-1</a> , <a href="#">view inbound rules</a> , <a href="#">view outbound rules</a>
Secondary private IPs		Scheduled events	<a href="#">No scheduled events</a>

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# Setting inbound rules in AWS

Activities Google Chrome Aug 24 14:08

Docker Hub EC2 Management Console adesh8299/node-hello: Sa +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#ModifyInboundSecurityGroupRules:securityGroupId=sg-01bbee9ddd051a239

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Services Search for services, features, marketplace products, and docs [Alt+S]

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EC2 > Security Groups > sg-01bbee9ddd051a239 - launch-wizard-1 > Edit inbound rules

## Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

### Inbound rules [Info](#)

Security group rule ID	Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>	
sg-054e6f42467a9add7	Custom TCP	TCP	8080	Custom	<input type="text" value="0.0.0.0/0"/> <input type="button" value="X"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
sg-0a8c44fd52482476d	Custom TCP	TCP	3000	Custom	<input type="text" value="0.0.0.0/0"/> <input type="button" value="X"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
sg-04a188b030d5c2c0a	SSH	TCP	22	Custom	<input type="text" value="0.0.0.0/0"/> <input type="button" value="X"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
sg-096ab69e30f99574c	Custom TCP	TCP	3001	Custom	<input type="text" value="0.0.0.0/0"/> <input type="button" value="X"/>	<input type="text" value=""/> <input type="button" value="Delete"/>
sg-09d0877960b996921	Custom TCP	TCP	8080	Custom	<input type="text" value="::/0"/> <input type="button" value="X"/>	<input type="text" value=""/> <input type="button" value="Delete"/>

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# Editing Security Inbound Rules

Activities Google Chrome Aug 24 14:14

Docker Hub Instances | EC2 Management Console adesh8299/node-hello: So x +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceId

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aws Services Search for services, features, marketplace products, and docs [Alt+S]

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Launch Instance Connect Actions

EC2 Dashboard Events Tags Limits INSTANCES Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations IMAGES AMIs ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager NETWORK & SECURITY Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces LOAD BALANCING Load Balancers Target Groups AUTO SCALING

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring
jenkinsfirstpr...	i-0bc88b550cdf0d350	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-3-140-196-135.us-...	3.140.196.135	-	demo-pair	disabled

Instance: i-0bc88b550cdf0d350 (jenkinsfirstproject) Public DNS: ec2-3-140-196-135.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID	i-0bc88b550cdf0d350	Public DNS (IPv4)	ec2-3-140-196-135.us-east-2.compute.amazonaws.com
Instance state	running	IPv4 Public IP	3.140.196.135
Instance type	t2.micro	IPv6 IPs	-
Finding	Opt-in to AWS Compute Optimizer for recommendations. <a href="#">Learn more</a>	Elastic IPs	-
Private DNS	ip-172-31-11-76.us-east-2.compute.internal	Availability zone	us-east-2a
Private IPs	172.31.11.76	Security groups	launch-wizard-1, view inbound rules, view outbound rules
Secondary private IPs	-	Scheduled events	No scheduled events
VPC ID	vpc-6c046407	AMI ID	ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-20210415 (ami-0b9064170e32bde34)
Platform	Ubuntu	Subnet ID	subnet-3b981050
Platform details	Linux/UNIX	Network interfaces	eth0
Usage operation	RunInstances	IAM role	-
Source/dest. check	True	Key pair name	demo-pair
T2/T3 Unlimited	Disabled	Owner	937968910687
EBS-optimized	False	Launch time	August 20, 2021 at 2:26:23 PM UTC+5:30 (95 hours)
Root device type	ebs	Termination protection	False
Root device	/dev/sda1	Lifecycle	normal
Block devices	/dev/sda1	Monitoring	basic
Elastic Graphics ID	-	Alarm status	None
Elastic Inference accelerator ID	-	Kernel ID	-
Capacity Reservation	-	RAM disk ID	-
Capacity Reservation Settings	Open	Nitro Enclaves	Disabled
Outpost Arm	-	Placement group	-

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# Running AWS and Jenkins through terminal

```
Activities  Terminal  Aug 24 14:05  ubuntu@lp-172-31-11-76: ~

knoldus@knoldus-Vostro-3590:~/Downloads$ ssh -i "demo-pair.pem" ubuntu@ec2-3-140-196-135.us-east-2.compute.amazonaws.com
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.4.0-1055-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Tue Aug 24 08:31:19 UTC 2021

System load:  0.0          Processes:      101
Usage of /:   51.2% of 7.69GB    Users logged in: 0
Memory usage: 29%          IP address for eth0: 172.31.11.76
Swap usage:   0%             IP address for docker0: 172.17.0.1

 * Super-optimized for small spaces - read how we shrank the memory
   footprint of MicroK8s to make it the smallest full K8s around.
   https://ubuntu.com/blog/microk8s-memory-optimisation

 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch

33 packages can be updated.
1 of these updates is a security update.
To see these additional updates run: apt list --upgradable

New release '20.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 24 07:42:19 2021 from 47.15.6.66
ubuntu@lp-172-31-11-76:~$ java -jar jenkins.war &
[1] 1818
ubuntu@lp-172-31-11-76:~$ Running from: /home/ubuntu/jenkins.war
webroot: $user.home/.jenkins
2021-08-24 08:31:26.6580000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialized @1369ms to org.eclipse.jetty.util.log.JavaUtilLog
2021-08-24 08:31:26.8580000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2021-08-24 08:31:26.9220000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2021-08-24 08:31:27.0800000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.43.v20210629; built: 2021-06-30T11:07:22.254Z; git: 526006ecfa3af7f1a27ef3a288e2bef7ea9dd7e8; jvm 11.0.1
1+9-Ubuntu-0ubuntu2.18.04
2021-08-24 08:31:27.9810000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP support found org.eclipse.jetty.jsp.JettyJspServlet
2021-08-24 08:31:28.0940000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: DefaultSessionIdManager workerName=node0
2021-08-24 08:31:28.1030000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: No sessionScavenger set, using defaults
2021-08-24 08:31:28.1050000 [id=1] INFO o.e.j.server.session.HouseKeeper#startScavenging: node0 Scavenging every 660000ms
2021-08-24 08:31:29.1590000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /home/ubuntu/.jenkins found at: $user.home/.jenkins
2021-08-24 08:31:29.5910000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@61d9efe0{Jenkins v2.307.1,file:///home/ubuntu/.jenkins/war/,AVAILABLE}{/home/ubuntu/.jenkins/war}
2021-08-24 08:31:29.6430000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@19dc67c2{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}
2021-08-24 08:31:29.6470000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started @4359ms
2021-08-24 08:31:29.6490000 [id=23] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2021-08-24 08:31:30.2400000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2021-08-24 08:31:31.2200000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$2 (file:/home/ubuntu/.jenkins/war/WEB-INF/lib/guice-4.0.jar) to method java.lang.ClassLoader.defineClass(java.lan
g.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$2
```



Activities

Terminal

ubuntu@ip-172-31-11-76: ~

Search, Window, and Full Screen icons

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New release '20.04.2 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 24 07:42:19 2021 from 47.15.6.66  
ubuntu@ip-172-31-11-76:~\$ java -jar jenkins.war &  
[1] 1818  
ubuntu@ip-172-31-11-76:~\$ Running from: /home/ubuntu/jenkins.war  
webroot: \$user.home/.jenkins  
2021-08-24 08:31:26.658+0000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialized @1369ms to org.eclipse.jetty.util.log.JavaUtilLog  
2021-08-24 08:31:26.858+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file  
2021-08-24 08:31:26.922+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath  
2021-08-24 08:31:27.080+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.43.v20210629; built: 2021-06-30T11:07:22.254Z; git: 526006ecfa3af7f1a27ef3a288e2bef7ea9dd7e8; jvm 11.0.1  
1+9-Ubuntu-0ubuntu2.18.04  
2021-08-24 08:31:27.981+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet  
2021-08-24 08:31:28.094+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: DefaultSessionIdManager workerName=node0  
2021-08-24 08:31:28.103+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: No SessionScavenger set, using defaults  
2021-08-24 08:31:28.105+0000 [id=1] INFO o.e.j.server.session.HouseKeeper#startScavenging: node0 Scavenging every 660000ms  
2021-08-24 08:31:29.159+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /home/ubuntu/.jenkins found at: \$user.home/.jenkins  
2021-08-24 08:31:29.591+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@61d9efe0{Jenkins v2.307.1,file:///home/ubuntu/.jenkins/war/,AVAILABLE}{/home/ubuntu/.jenkins/war}  
2021-08-24 08:31:29.643+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@19dc67c2{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}  
2021-08-24 08:31:29.647+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started @4359ms  
2021-08-24 08:31:29.649+0000 [id=23] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled  
2021-08-24 08:31:30.240+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Started initialization  
2021-08-24 08:31:31.220+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Listed all plugins  
WARNING: An illegal reflective access operation has occurred  
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.\$ReflectUtils\$2 (file:/home/ubuntu/.jenkins/war/WEB-INF/lib/guice-4.0.jar) to method java.lang.ClassLoader.defineClass(java.lan  
g.String,byte[],int,int,java.security.ProtectionDomain)  
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.\$ReflectUtils\$2  
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations  
WARNING: All illegal access operations will be denied in a future release  
2021-08-24 08:31:41.706+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Prepared all plugins  
2021-08-24 08:31:41.831+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Started all plugins  
2021-08-24 08:31:43.142+0000 [id=29] WARNING o.j.p.d.DockerBuilder\$DescriptorImpl#<init>: Docker URL is not set, docker client won't be initialized  
2021-08-24 08:31:44.832+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Augmented all extensions  
2021-08-24 08:31:45.015+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: System config loaded  
2021-08-24 08:31:45.050+0000 [id=28] INFO jenkins.InitReactorRunner\$1#onAttained: System config adapted  
2021-08-24 08:31:45.160+0000 [id=28] INFO jenkins.InitReactorRunner\$1#onAttained: Loaded all jobs  
2021-08-24 08:31:45.171+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Configuration for all jobs updated  
2021-08-24 08:31:45.350+0000 [id=43] INFO hudson.model.AsyncPeriodicWork#lambda\$doRun\$0: Started Download metadata  
2021-08-24 08:31:45.359+0000 [id=43] INFO hudson.model.AsyncPeriodicWork#lambda\$doRun\$0: Finished Download metadata. 8 ms  
2021-08-24 08:31:45.425+0000 [id=29] INFO jenkins.InitReactorRunner\$1#onAttained: Completed initialization  
2021-08-24 08:31:45.448+0000 [id=22] INFO hudson.WebAppMain\$3#run: Jenkins is fully up and running  
2021-08-24 08:32:07.014+0000 [id=58] INFO hudson.model.AsyncPeriodicWork#lambda\$doRun\$0: Started DockerContainerWatchdog Asynchronous Periodic Work  
2021-08-24 08:32:07.020+0000 [id=58] INFO c.n.j.p.d.DockerContainerWatchdog#execute: Docker Container Watchdog has been triggered  
2021-08-24 08:32:07.024+0000 [id=58] INFO c.n.j.p.d.DockerContainerWatchdog\$Statistics#writeStatisticsToLog: Watchdog Statistics: Number of overall executions: 0, Executions with processing timeout  
: 0, Containers removed gracefully: 0, Containers removed with force: 0, Containers removal failed: 0, Nodes removed successfully: 0, Nodes removal failed: 0, Container removal average duration (graceful  
ly): 0 ms, Container removal average duration (force): 0 ms, Average overall runtime of watchdog: 0 ms, Average runtime of container retrieval: 0 ms  
2021-08-24 08:32:07.024+0000 [id=58] INFO c.n.j.p.d.DockerContainerWatchdog#loadNodeMap: We currently have 0 nodes assigned to this Jenkins instance, which we will check  
2021-08-24 08:32:07.025+0000 [id=58] INFO c.n.j.p.d.DockerContainerWatchdog#execute: Docker Container Watchdog check has been completed  
2021-08-24 08:32:07.027+0000 [id=58] INFO hudson.model.AsyncPeriodicWork#lambda\$doRun\$0: Finished DockerContainerWatchdog Asynchronous Periodic Work. 11 ms  
ubuntu@ip-172-31-11-76:~\$

# Pipeline general configuration

Activities Google Chrome Aug 24 14:03

dockerassignment Config x +

Not secure | 3.140.196.135:8080/job/dockerassignment/configure

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Incognito

Reading list

Jenkins

search

adesh kumar shukla log out

Dashboard > dockerassignment

General Source Code Management Build Triggers Build Environment Build Post-build Actions

Description

this is my docker assignment

[Plain text] [Preview](#)

☐ Commit agent's Docker container ?

☐ Define a Docker template ?

☐ Discard old builds ?

☒ GitHub project ?

Project url

☐ This build requires lockable resources ?

☐ This project is parameterised ?

☐ Throttle builds ?

☐ Disable this project ?

☐ Execute concurrent builds if necessary ?

Source Code Management

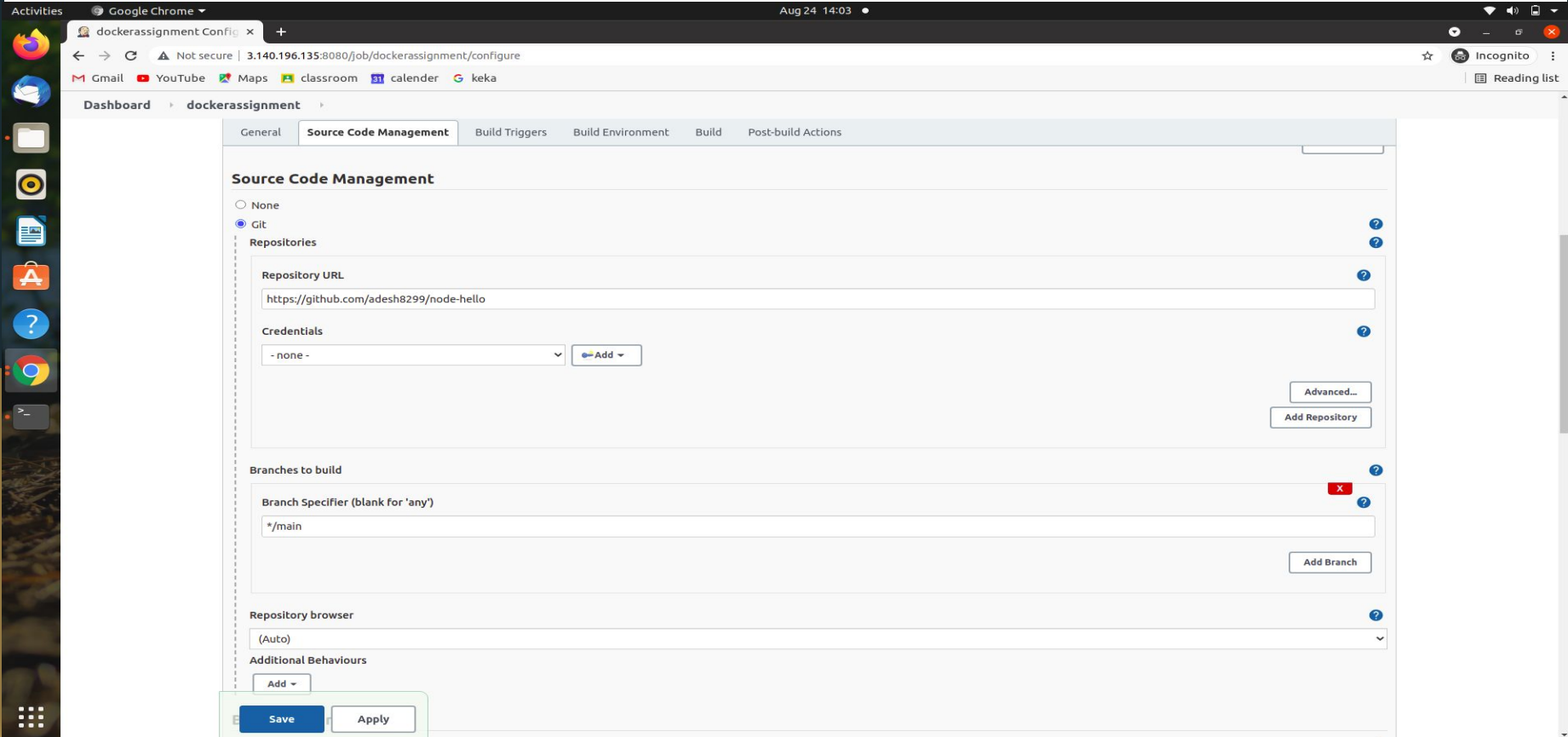
☐ None

☒ Git

Repositories

Source Code Management

# Jenkins Source Code Management Settings



The screenshot shows the Jenkins web interface in a Google Chrome browser. The address bar displays the URL `3.140.196.135:8080/job/dockerassignment/configure`. The page title is "dockerassignment Config". The navigation bar includes "Dashboard" and "dockerassignment". The "Source Code Management" tab is selected, showing the following configuration:

- Source Code Management:** Radio buttons for "None" and "Git" (selected).
- Repositories:**
  - Repository URL:** `https://github.com/adesh8299/node-hello`
  - Credentials:** A dropdown menu showing "- none -" and an "Add" button.
  - Buttons:** "Advanced..." and "Add Repository".
- Branches to build:**
  - Branch Specifier (blank for 'any'):** `*/main`
  - Buttons:** "Add Branch" and a red "X" icon.
- Repository browser:** A dropdown menu showing "(Auto)".
- Additional Behaviours:** An "Add" button.
- Buttons:** "Save" and "Apply".



# Jenkins Build Triggers Config

The screenshot shows the Jenkins web interface in Google Chrome. The browser's address bar displays the URL `18.119.106.107:8080/job/jenkins-pipeline/configure`. The Jenkins dashboard is visible, with the 'jenkins-pipeline' job selected. The 'Build Triggers' tab is active, showing the following configuration options:

- Additional Behaviours:** A button labeled 'Add' is present.
- Build Triggers:**
  - ☐ Trigger builds remotely (e.g., from scripts)
  - ☐ Build after other projects are built
  - ☐ Build periodically
  - ☐ GitHub hook trigger for GITScm polling
  - ☒ Poll SCM
- Schedule:** A text area for entering a schedule. Below it, a message states: 'No schedules so will only run due to SCM changes if triggered by a post-commit hook'.
- ☐ Ignore post-commit hooks
- Build Environment:**
  - ☐ Delete workspace before build starts
  - ☐ Use secret text(s) or file(s)
  - ☐ Provide Configuration files
  - ☐ Abort the build if it's stuck
  - ☐ Add timestamps to the Console Output
  - ☐ Inspect build log for published Gradle build scans
  - ☐ Provide Node & npm bin/ folder to PATH
  - ☐ With Ant
- Build:** A section for build configuration, currently empty.

At the bottom of the configuration page, there are buttons for 'Save' and 'Apply'. A notification bar at the very bottom indicates that the screen is being shared via Google Meet.

# Jenkins Build Configuration

Activities Google Chrome Aug 24 14:03

dockerassignment Config x +

Not secure | 3.140.196.135:8080/job/dockerassignment/configure

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Dashboard > dockerassignment >

General Source Code Management Build Triggers Build Environment **Build** Post-build Actions

## Build

**Docker Build and Publish** [X] [?]

Repository Name [?]

Tag

Docker Host URI [?]

Server credentials  [Add]

Docker registry URL [?]

Registry credentials  [Add]

[Add build step]

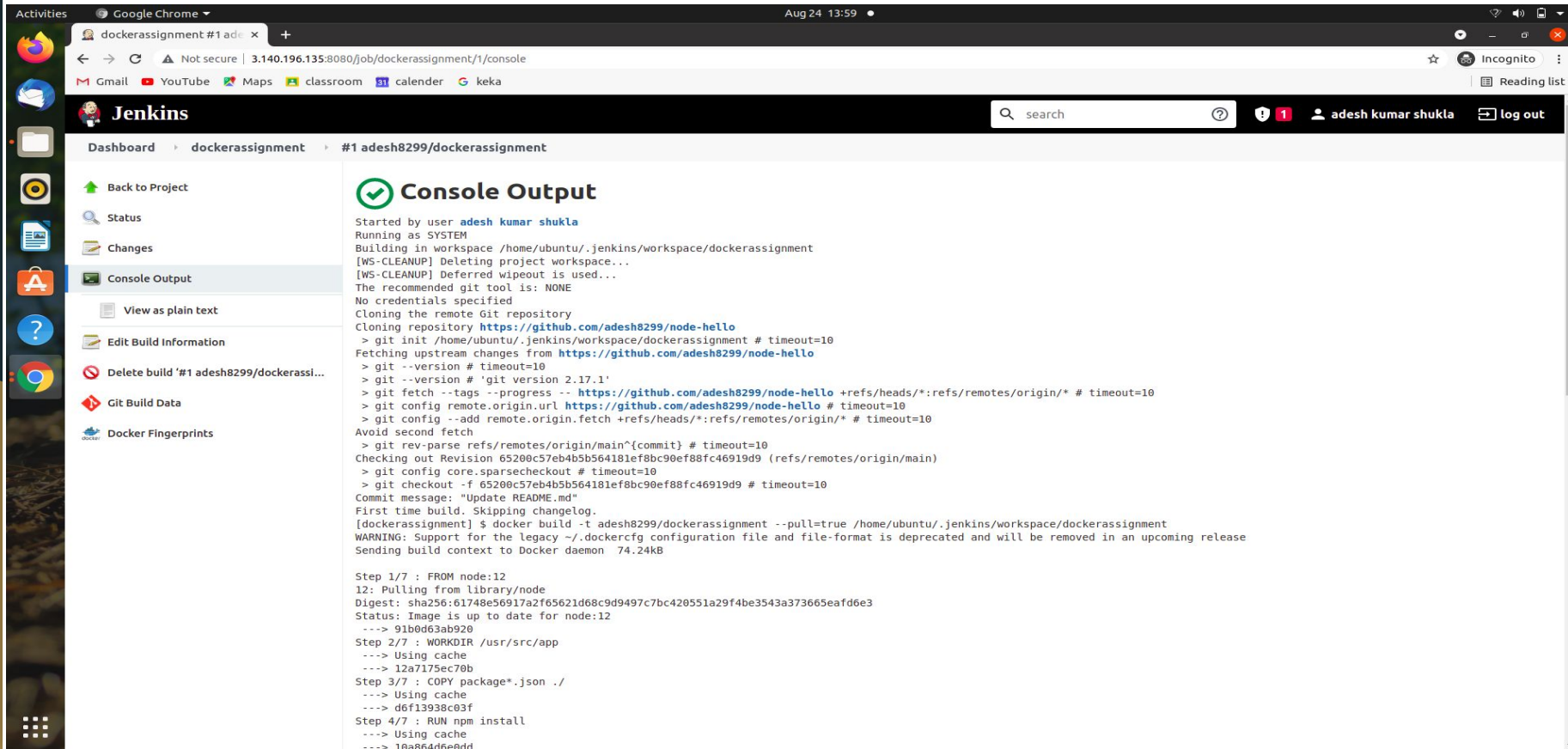
[Advanced...]

## Post-build Actions

[Add post-build action]

**Save** **Apply**

# Build Console Output in Jenkins



The screenshot shows a web browser window displaying the Jenkins console output for a build named 'adesh8299/dockerassignment'. The browser's address bar shows the URL '3.140.196.135:8080/job/dockerassignment/1/console'. The Jenkins interface includes a sidebar with navigation links like 'Dashboard', 'Back to Project', 'Status', 'Changes', 'Console Output', 'View as plain text', 'Edit Build Information', 'Delete build', 'Git Build Data', and 'Docker Fingerprints'. The main content area is titled 'Console Output' and displays the build log. The log starts with 'Started by user adesh kumar shukla' and shows the process of cloning a repository, fetching updates, and building the Docker image. The build is currently at Step 1/7, pulling from the 'library/node' image.

Activities Google Chrome Aug 24 13:59

dockerassignment #1 adesh8299/dockerassignment

Not secure | 3.140.196.135:8080/job/dockerassignment/1/console

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Jenkins

Dashboard > dockerassignment > #1 adesh8299/dockerassignment

Back to Project

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#1 adesh8299/dockerassignment'

Git Build Data

Docker Fingerprints

## Console Output

Started by user **adesh kumar shukla**  
Running as SYSTEM  
Building in workspace /home/ubuntu/.jenkins/workspace/dockerassignment  
[WS-CLEANUP] Deleting project workspace...  
[WS-CLEANUP] Deferred wipeout is used...  
The recommended git tool is: NONE  
No credentials specified  
Cloning the remote Git repository  
Cloning repository <https://github.com/adesh8299/node-hello>  
> git init /home/ubuntu/.jenkins/workspace/dockerassignment # timeout=10  
Fetching upstream changes from <https://github.com/adesh8299/node-hello>  
> git --version # timeout=10  
> git --version # 'git version 2.17.1'  
> git fetch --tags --progress -- <https://github.com/adesh8299/node-hello> +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
> git config remote.origin.url <https://github.com/adesh8299/node-hello> # timeout=10  
> git config --add remote.origin.fetch +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
Avoid second fetch  
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10  
Checking out Revision 65200c57eb4b5b564181ef8bc90ef88fc4691d9 (refs/remotes/origin/main)  
> git config core.sparsecheckout # timeout=10  
> git checkout -f 65200c57eb4b5b564181ef8bc90ef88fc4691d9 # timeout=10  
Commit message: "Update README.md"  
First time build. Skipping changelog.  
[dockerassignment] \$ docker build -t adesh8299/dockerassignment --pull=true /home/ubuntu/.jenkins/workspace/dockerassignment  
WARNING: Support for the legacy ~/.dockercfg configuration file and file-format is deprecated and will be removed in an upcoming release  
Sending build context to Docker daemon 74.24kB

Step 1/7 : FROM node:12  
12: Pulling from library/node  
Digest: sha256:61748e56917a2f65621d68c9d9497c7bc420551a29f4be3543a373665eaf6e3  
Status: Image is up to date for node:12  
----> 91b0d63ab920

Step 2/7 : WORKDIR /usr/src/app  
----> Using cache  
----> 12a7175ec70b

Step 3/7 : COPY package\*.json ./  
----> Using cache  
----> d6f13938c03f

Step 4/7 : RUN npm install  
----> Using cache  
----> 10a864d6e0dd



dockerassignment #1 adesh x

← → ↻ ⚠ Not secure | 3.140.196.135:8080/job/dockerassignment/1/console

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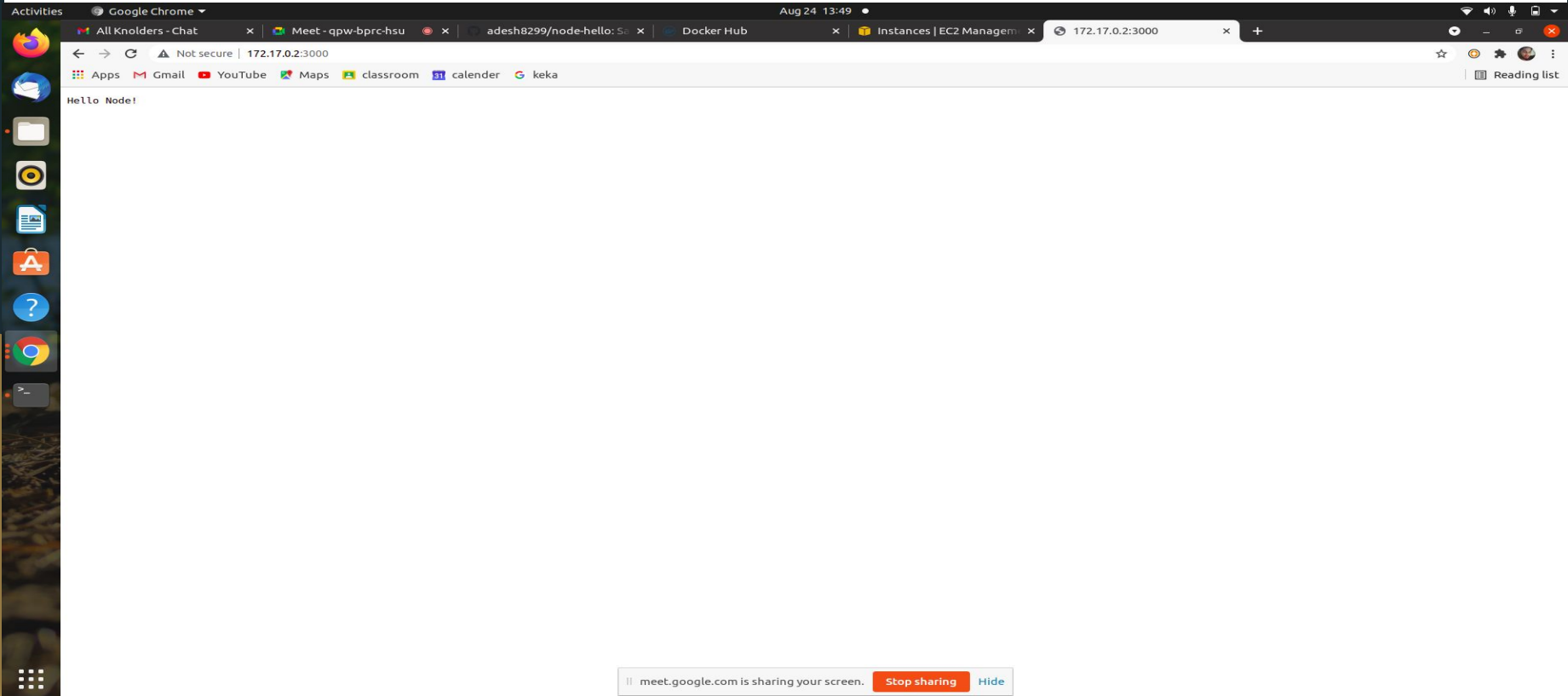
Reading list

Dashboard ▶ dockerassignment ▶ #1 adesh8299/dockerassignment

```
Successfully tagged adesh8299/dockerassignment:latest
[dockerassignment] $ docker inspect 885fa936c75b
WARNING: Support for the legacy ~/.dockercfg configuration file and file-format is deprecated and will be removed in an upcoming release
[dockerassignment] $ docker push adesh8299/dockerassignment
WARNING: Support for the legacy ~/.dockercfg configuration file and file-format is deprecated and will be removed in an upcoming release
Using default tag: latest
The push refers to repository [docker.io/adesh8299/dockerassignment]
87b6a76e23f2: Preparing
d602988f7ba8: Preparing
58ad26152f66: Preparing
d6289136be1f: Preparing
015f31f2f9e4: Preparing
26fd723d2288: Preparing
b9ed41bad3b9: Preparing
5cb0af444f72: Preparing
dea274feff1a: Preparing
953b9481bddb: Preparing
afce7e9043bf: Preparing
deeb988a5ea8: Preparing
1bf665ea9709: Preparing
26fd723d2288: Waiting
b9ed41bad3b9: Waiting
5cb0af444f72: Waiting
dea274feff1a: Waiting
953b9481bddb: Waiting
afce7e9043bf: Waiting
deeb988a5ea8: Waiting
1bf665ea9709: Waiting
015f31f2f9e4: Mounted from library/node
26fd723d2288: Mounted from library/node
b9ed41bad3b9: Mounted from library/node
d602988f7ba8: Pushed
87b6a76e23f2: Pushed
5cb0af444f72: Mounted from library/node
58ad26152f66: Pushed
953b9481bddb: Mounted from library/node
dea274feff1a: Mounted from library/node
d6289136be1f: Pushed
afce7e9043bf: Mounted from library/node
deeb988a5ea8: Mounted from library/node
1bf665ea9709: Mounted from library/node
latest: digest: sha256:89750309845dcff4620ecd116cc5fca0eeaa551aee9b9af6956148eb7d47a6c size: 3045
Finished: SUCCESS
```



# Performing Validations by hitting end point with<VM\_IP>:3000



# Performing Validations by hitting end point with<VM\_IP>:3001

