

Installation Of Jenkins :

I am installing Jenkins of my EC2 instance (amazon Linux)

Installing Java on the instance.

```
root@ip-172-31-45-55:/home/ec2-user
Running transaction test
Transaction test succeeded
Running transaction
Installing : jbigkit-libs-2.0-11.4.amzn1.x86_64 1/13
Installing : libtiff-4.0.3-32.34.amzn1.x86_64 2/13
Installing : avahi-libs-0.6.25-12.17.amzn1.x86_64 3/13
Installing : lksctp-tools-1.0.10-7.7.amzn1.x86_64 4/13
Installing : gnutls-2.12.23-21.18.amzn1.x86_64 5/13
Installing : 1:cups-libs-1.4.2-67.21.amzn1.x86_64 6/13
Installing : 1:java-1.8.0-openjdk-headless-1.8.0.252.b09-2.51.amzn1.x86_64 7/13
Installing : 1:java-1.8.0-openjdk-1.8.0.252.b09-2.51.amzn1.x86_64 8/13
Installing : 1:java-1.8.0-openjdk-demo-1.8.0.252.b09-2.51.amzn1.x86_64 9/13
Installing : 1:java-1.8.0-openjdk-devel-1.8.0.252.b09-2.51.amzn1.x86_64 10/13
Installing : 1:java-1.8.0-openjdk-src-1.8.0.252.b09-2.51.amzn1.x86_64 11/13
Installing : 1:java-1.8.0-openjdk-javadoc-zip-1.8.0.252.b09-2.51.amzn1.n 12/13
Installing : 1:java-1.8.0-openjdk-javadoc-1.8.0.252.b09-2.51.amzn1.noarc 13/13
Verifying : gnutls-2.12.23-21.18.amzn1.x86_64 1/13
Verifying : 1:java-1.8.0-openjdk-demo-1.8.0.252.b09-2.51.amzn1.x86_64 2/13
Verifying : 1:cups-libs-1.4.2-67.21.amzn1.x86_64 3/13
Verifying : 1:java-1.8.0-openjdk-src-1.8.0.252.b09-2.51.amzn1.x86_64 4/13
Verifying : 1:java-1.8.0-openjdk-devel-1.8.0.252.b09-2.51.amzn1.x86_64 5/13
Verifying : 1:java-1.8.0-openjdk-1.8.0.252.b09-2.51.amzn1.x86_64 6/13
Verifying : lksctp-tools-1.0.10-7.7.amzn1.x86_64 7/13
Verifying : avahi-libs-0.6.25-12.17.amzn1.x86_64 8/13
Verifying : libtiff-4.0.3-32.34.amzn1.x86_64 9/13
Verifying : jbigkit-libs-2.0-11.4.amzn1.x86_64 10/13
Verifying : 1:java-1.8.0-openjdk-headless-1.8.0.252.b09-2.51.amzn1.x86_64 11/13
Verifying : 1:java-1.8.0-openjdk-javadoc-1.8.0.252.b09-2.51.amzn1.noarc 12/13
Verifying : 1:java-1.8.0-openjdk-javadoc-zip-1.8.0.252.b09-2.51.amzn1.n 13/13

Installed:
java-1.8.0-openjdk.x86_64 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-demo.x86_64 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-devel.x86_64 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-headless.x86_64 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-javadoc.noarch 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-javadoc-zip.noarch 1:1.8.0.252.b09-2.51.amzn1
java-1.8.0-openjdk-src.x86_64 1:1.8.0.252.b09-2.51.amzn1

Dependency Installed:
avahi-libs.x86_64 0:0.6.25-12.17.amzn1 cups-libs.x86_64 1:1.4.2-67.21.amzn1
gnutls.x86_64 0:2.12.23-21.18.amzn1 jbigkit-libs.x86_64 0:2.0-11.4.amzn1
libtiff.x86_64 0:4.0.3-32.34.amzn1 lksctp-tools.x86_64 0:1.0.10-7.7.amzn1

Complete!
[root@ip-172-31-45-55 ec2-user]#
```

Setting JAVA_HOME path

```
root@ip-172-31-45-55~#  
avahi-libs.x86_64 0:0.6.25-12.17.amzn1 cups-libs.x86_64 1:1.4.2-67.21.amzn1  
gnutls.x86_64 0:2.12.23-21.18.amzn1 jbigkit-libs.x86_64 0:2.0-11.4.amzn1  
libtiff.x86_64 0:4.0.3-32.34.amzn1 lksctp-tools.x86_64 0:1.0.10-7.7.amzn1  
  
Complete!  
[root@ip-172-31-45-55 ec2-user]# find /usr/lib/jvm/java-1.8* | head -n 3  
/usr/lib/jvm/java-1.8.0  
/usr/lib/jvm/java-1.8.0-openjdk  
/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.252.b09-2.51.amzn1.x86_64  
[root@ip-172-31-45-55 ec2-user]# cd ~  
[root@ip-172-31-45-55 ~]# vi .bash_profile  
[root@ip-172-31-45-55 ~]#
```

```
root@ip-172-31-45-55~#  
[root@ip-172-31-45-55 ~]# echo $JAVA_HOME  
/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.252.b09-2.51.amzn1.x86_64  
[root@ip-172-31-45-55 ~]#
```

Jenkins Setup

```
root@ip-172-31-45-55~
/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.252.b09-2.51.amzn1.x86_64
[root@ip-172-31-45-55 ~]# clear
[root@ip-172-31-45-55 ~]# clear
[root@ip-172-31-45-55 ~]# echo $JAVA_HOME
[root@ip-172-31-45-55 ~]# sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2020-07-14 11:00:16-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.154.133, 2a04:4e42:24::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)[151.101.154.133]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

/etc/yum.repos.d/jenkins.repo      100%[=====]           85  --.-KB/s   in 0s

2020-07-14 11:00:16 (5.81 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# yum install jenkins_
```

```
root@ip-172-31-45-55~
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.154.133, 2a04:4e42:24::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)[151.101.154.133]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

/etc/yum.repos.d/jenkins.repo      100%[=====]           85  --.-KB/s   in 0s

2020-07-14 11:00:16 (5.81 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# yum install jenkins
Loaded plugins: priorities, update-motd, upgrade-helper
amzn-main                               | 2.1 kB  00:00:00
amzn-updates                           | 3.8 kB  00:00:00
jenkins                                | 2.9 kB  00:00:00
jenkins/primary_db                     | 33 kB  00:00:00
Resolving Dependencies
--> Running transaction check
--> Package jenkins.noarch 0:2.235.1-1.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                               Arch          Version           Repository        Size
-----
Installing:
jenkins                                noarch        2.235.1-1.1       jenkins           63 M
Transaction Summary
-----
Install 1 Package

Total download size: 63 M
Installed size: 63 M
Is this ok [y/d/N]: y
Downloading packages:
jenkins-2.235.1-1.1.noarch.rpm        2% [=          ] 173 kB/s | 1.3 MB  00:06:06 ETA
```

Jenkins Installed

```
root@ip-172-31-45-55 ~#
/etc/yum.repos.d/jenkins.repo 100%[=====] 85 --.-KB/s in 0s

2020-07-14 11:00:16 (5.81 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[root@ip-172-31-45-55 ~]# yum install jenkins
Loaded plugins: priorities, update-motd, upgrade-helper
amzn-main
amzn-updates | 2.1 kB 00:00:00
jenkins | 3.8 kB 00:00:00
jenkins/primary_db | 2.9 kB 00:00:00
Resolving Dependencies
--> Running transaction check
--> Package jenkins.noarch 0:2.235.1-1.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
jenkins noarch 2.235.1-1.1 jenkins 63 M
=====

Transaction Summary
=====
Install 1 Package

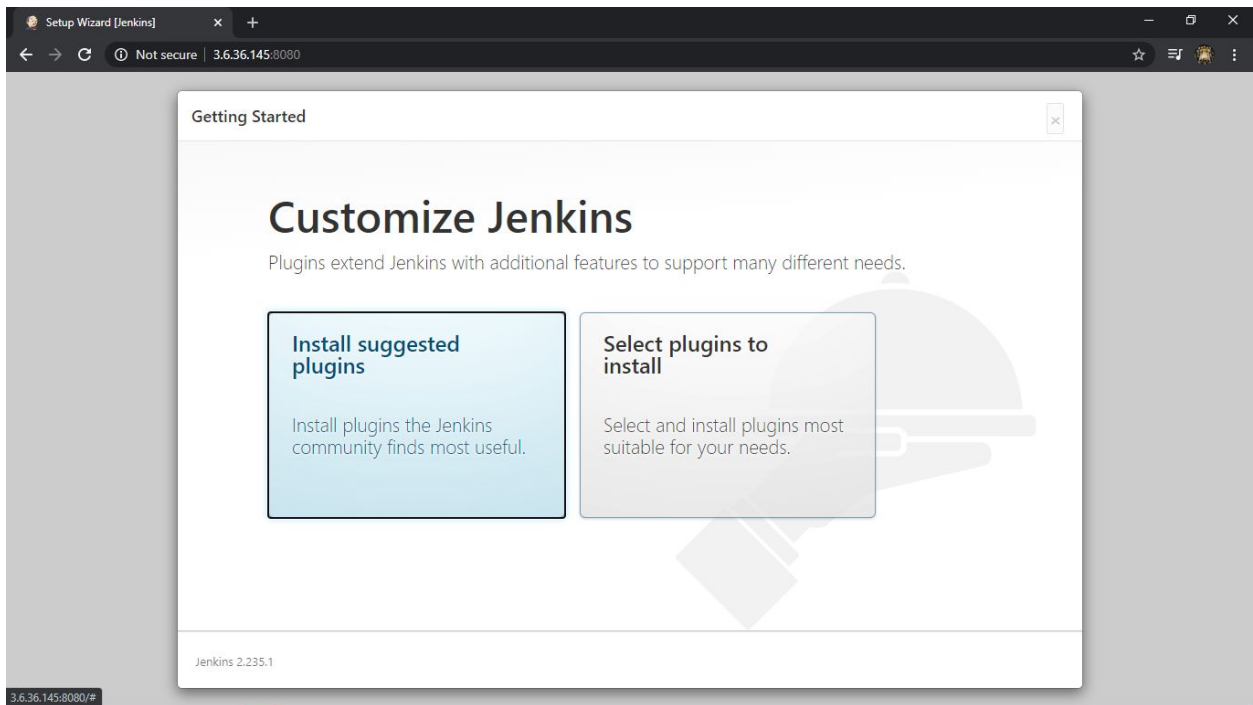
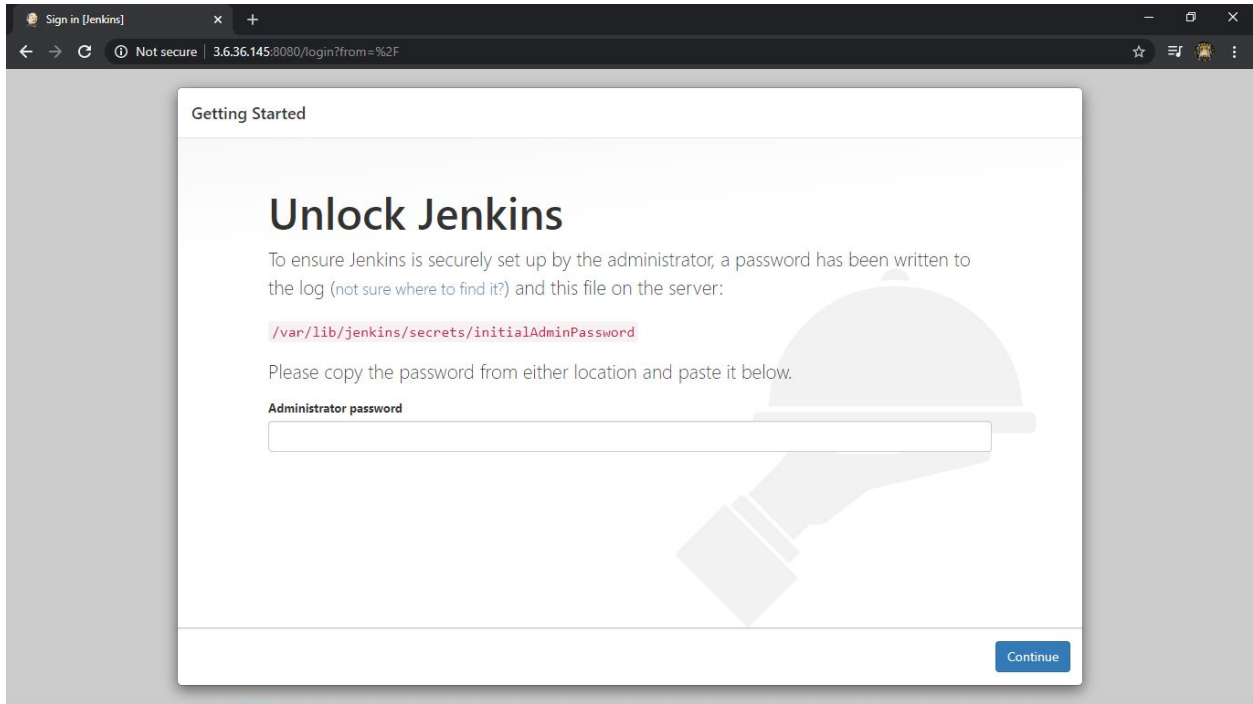
Total download size: 63 M
Installed size: 63 M
Is this ok [y/d/N]: y
Downloading packages:
jenkins-2.235.1-1.1.noarch.rpm | 63 MB 00:01:38
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : jenkins-2.235.1-1.1.noarch 1/1
Verifying : jenkins-2.235.1-1.1.noarch 1/1

Installed:
jenkins.noarch 0:2.235.1-1.1

Complete!
[root@ip-172-31-45-55 ~]#
```

Jenkins Started

```
root@ip-172-31-45-55 ~#
[root@ip-172-31-45-55 ~]# service jenkins status
jenkins is stopped
[root@ip-172-31-45-55 ~]# service jenkins start
Starting Jenkins [ OK ]
[root@ip-172-31-45-55 ~]#
```





Welcome to Jenkins!

Sign in

☐ Keep me signed in

Jenkins

- New Item
- People
- Build History
- Manage Jenkins
- My Views
- New View

[add description](#)

Welcome to Jenkins!

[Create an agent](#) or [configure a cloud](#) to set up distributed builds. [Learn more](#)

[Create a job](#) to start building your software project.

Build Queue

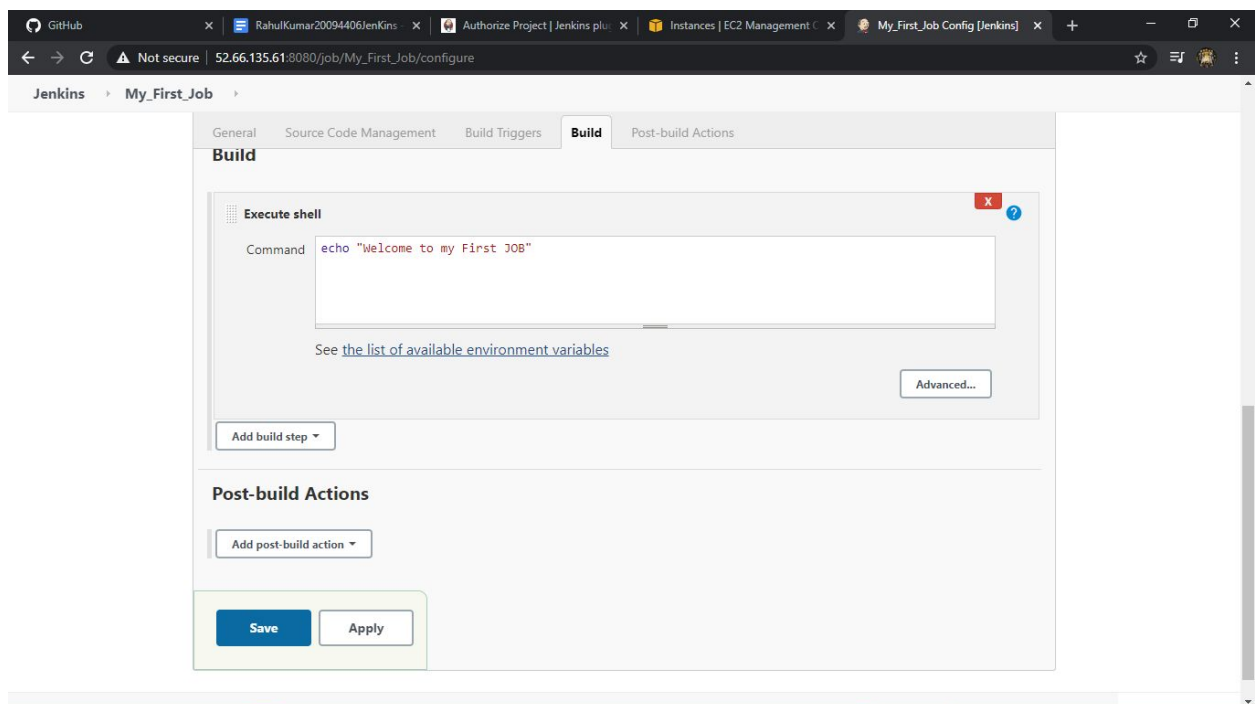
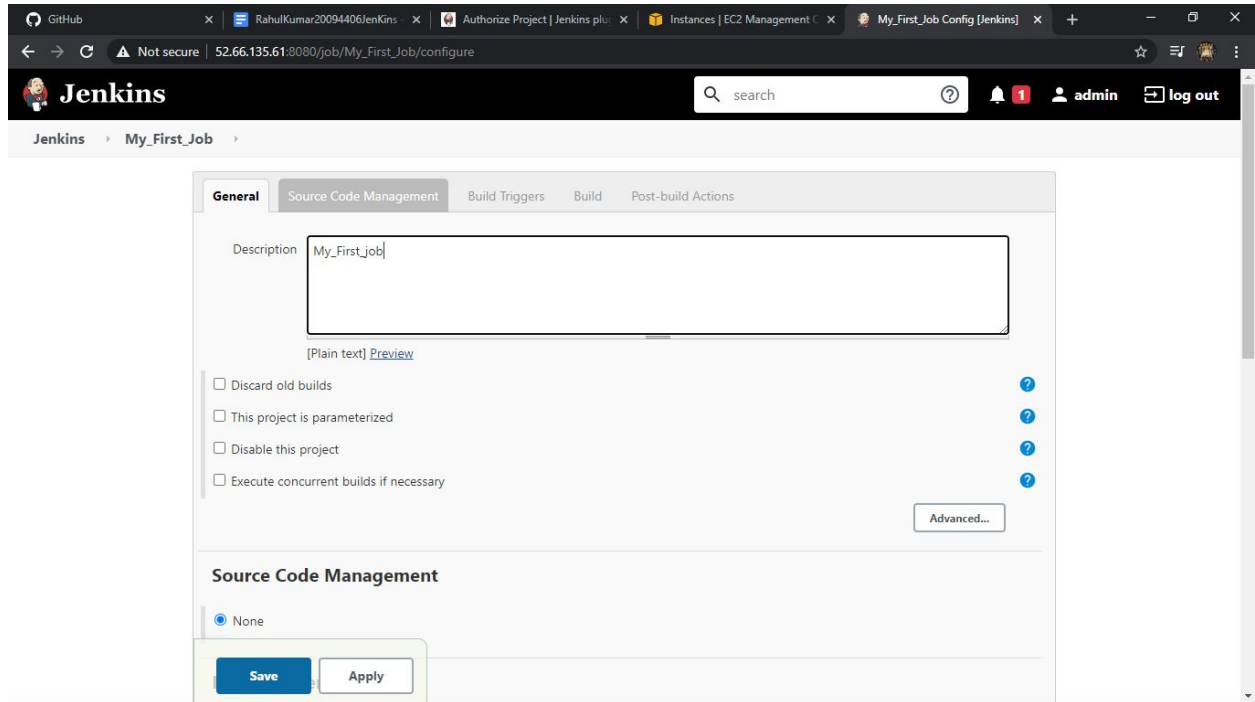
No builds in the queue.

Build Executor Status

- 1 Idle
- 2 Idle

Job Creation In Jenkins

I am using my EC2 instance for this step



GitHub x RahulKumar20094406JenKins x Authorize Project | Jenkins plu... x Instances | EC2 Management C x My_First_Job #1 Console [Jen... x + -

Not secure | 52.66.135.61:8080/job/My_First_Job/1/console

Jenkins

search

admin log out

Jenkins > My_First_Job > #1

Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#1'

Console Output

Started by user [admin](#)
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/My_First_Job
[My_First_Job] \$ /bin/sh -xe /tmp/jenkins761951175445160068.sh
+ echo 'Welcome to my First JOB'
Welcome to my First JOB
Finished: SUCCESS

Page generated:
Jul 14, 2020 11:59:33 AM UTC REST API Jenkins 2.235.1

Scheduling Jenkins Job

GitHub x RahulKumar20094406JenKins x Authorize Project | Jenkins plu... x Instances | EC2 Management C x My_First_Job Conf... x TopGear Assignm... x cron - How do I s... x + -

Not secure | 52.66.135.61:8080/job/My_First_Job/configure

Jenkins

search

admin log out

Jenkins > My_First_Job

General Source Code Management Build Triggers Build Post-build Actions

Description: My_First_Job

[Plan build Pipeline](#)

☐ Discard old builds
☐ This project is parameterized
☐ Disable this project
☐ Execute concurrent builds if necessary

Advanced...

Source Code Management

None

Build Triggers

☐ Trigger builds remotely (e.g., from scripts)
☐ Build after other projects are built
☒ Build periodically

Schedule: `H* * * * *`

Would last have run at Tuesday, July 14, 2020 12:15:29 PM UTC, would next run at Tuesday, July 14, 2020 12:20:29 PM UTC.

☐ Poll SCM

Build

Execute shell

Command: `echo "Welcome to my First JOB"`

[See the list of available environment variables](#)

Advanced...

Add build step...

Save Apply

GitHub

RahulKumar2009

Authorize Project

Instances | EC2 M

Dashboard [Jenkin

TopGear Assignm

cron - How do I sc

Not secure | 52.66.135.61:8080

search

?

1

admin

log out

Jenkins

New Item

People

Build History

Manage Jenkins

My Views

New View

add description

S	W	Name ↓	Last Success	Last Failure	Last Duration
		My_First_Job	16 sec - #5	N/A	14 ms

Icon: [S](#) [M](#) [L](#)

Legend Atom feed for all Atom feed for failures Atom feed for just latest builds

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

Page generated:
Jul 14, 2020 12:25:17 PM UTC

REST API

Jenkins 2.235.1

GitHub

RahulKumar2009

Authorize Project

Instances | EC2 M

My_First_Job [Jen

TopGear Assignm

Jenkins - Distribut

Not secure | 52.66.135.61:8080/job/My_First_Job/

search

?

1

admin

log out

Jenkins

My_First_Job

Back to Dashboard

Status

Changes

Workspace

Build Now

Delete Project

Configure

Rename

Project My_First_Job

My_First_Job

edit description

Disable Project

Workspace

Recent Changes

Permalinks

- [Last build \(#5\) 3 min 31 sec ago](#)
- [Last stable build \(#5\) 3 min 31 sec ago](#)
- [Last successful build \(#5\) 3 min 31 sec ago](#)
- [Last completed build \(#5\) 3 min 31 sec ago](#)

Build History

trend

find

#5

Jul 14, 2020 12:25 PM

#4

Jul 14, 2020 12:21 PM

#3

Jul 14, 2020 12:21 PM

#2

Jul 14, 2020 12:21 PM

#1

Jul 14, 2020 11:59 AM

Atom feed for all

Atom feed for failures

Page generated:
Jul 14, 2020 12:28:32 PM UTC

REST API

Jenkins 2.235.1

← → ↻ ⓘ Not secure | 52.66.135.61:8080/job/My_First_Job/

Jenkins > My_First_Job

Project My_First_Job

My_First_Job

[edit description](#)

This project is currently disabled [Enable](#)

[Workspace](#)

[Recent Changes](#)

Build History

[trend](#)

find

#11	Jul 14, 2020 12:55 PM
#10	Jul 14, 2020 12:50 PM
#9	Jul 14, 2020 12:45 PM
#8	Jul 14, 2020 12:40 PM
#7	Jul 14, 2020 12:35 PM
#6	Jul 14, 2020 12:30 PM
#5	Jul 14, 2020 12:25 PM
#4	Jul 14, 2020 12:21 PM
#3	Jul 14, 2020 12:21 PM
#2	Jul 14, 2020 12:21 PM
#1	Jul 14, 2020 11:59 AM

[Atom feed for all](#) [Atom feed for failures](#)

Permalinks

- [Last build \(#11\) 3 min 25 sec ago](#)
- [Last stable build \(#11\) 3 min 25 sec ago](#)
- [Last successful build \(#11\) 3 min 25 sec ago](#)
- [Last completed build \(#11\) 3 min 25 sec ago](#)

Page generated: Jul 14, 2020 12:58:26 PM UTC REST API Jenkins 2.235.1

Creating Slaves in Jenkins

slave1 Configuration [Jenkins] x +

← → ↻ ⓘ Not secure | 13.233.233.131:8080/computer/slave1/configure

Jenkins

search ⓘ

🔔 1 👤 admin 🚪 log out

Jenkins > Nodes > slave1

[Back to List](#)

[Status](#)

[Delete Agent](#)

[Configure](#)

[Build History](#)

[Load Statistics](#)

[Log](#)

[Build Executor Status](#)

Name: slave1 ⓘ

Description: My First slave ⓘ

of executors: 1 ⓘ

Remote root directory: /home/ec2-user/slave_ws ⓘ

Labels: Jenkins Slave ⓘ

Usage: Use this node as much as possible ⓘ

Launch method: Launch agent by connecting it to the master ⓘ

☐ Disable WorkDir ⓘ

Custom WorkDir path: /home/ec2-user/slave_ws ⓘ

Internal data directory: remoting ⓘ

☐ Fail if workspace is missing ⓘ

☐ Use WebSocket ⓘ

[Save](#)

Nodes [Jenkins]

Not secure | 13.232.69.15:8080/computer/

Jenkins

search

1

admin

log out

Jenkins > Nodes >

Back to Dashboard

Manage Jenkins

New Node

Configure Clouds

Node Monitoring

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	master	Linux (amd64)	In sync	5.91 GB	<div>0 B</div>	5.91 GB	0ms
	slave1		N/A	N/A	N/A	N/A	N/A
Data obtained		3 min 10 sec	3 min 10 sec	3 min 10 sec	3 min 10 sec	3 min 10 sec	3 min 10 sec

Refresh status

Build Queue

No builds in the queue.

Build Executor Status

master

1 Idle

2 Idle

slave1 (offline)

Page generated:

Jul 15, 2020 3:30:05 AM UTC

REST API

Jenkins 2.235.1

making slave online

```
ec2-user@ip-172-31-45-55:~/slave_ws
[ec2-user@ip-172-31-45-55 ~]$ cd ~
[ec2-user@ip-172-31-45-55 ~]$ sudo su -
Last login: Tue Jul 14 10:58:12 UTC 2020 on pts/0
[root@ip-172-31-45-55 ~]# ls
[root@ip-172-31-45-55 ~]# exit
logout
[ec2-user@ip-172-31-45-55 ~]$ ls
slave_ws
[ec2-user@ip-172-31-45-55 ~]$ cd slave_ws/
[ec2-user@ip-172-31-45-55 slave_ws]$ ls
agent.jar
[ec2-user@ip-172-31-45-55 slave_ws]$ ls
agent.jar  slave-agent.jnlp
[ec2-user@ip-172-31-45-55 slave_ws]$ cd ..
[ec2-user@ip-172-31-45-55 ~]$ java -jar agent.jar -jnlpUrl http://13.233.233.131:8080/computer/slave1/slave-agent.jnlp -secret ae58e9739a3b1800ba0b811b7a50b2dc0993b037d0fc53768ba295bcfe8c3067 -workDir "/home/ec2-user/slave_ws"
Error: Unable to access jarfile agent.jar
[ec2-user@ip-172-31-45-55 ~]$ cd slave_ws/
[ec2-user@ip-172-31-45-55 slave_ws]$ java -jar agent.jar -jnlpUrl http://13.233.233.131:8080/computer/slave1/slave-agent.jnlp -secret ae58e9739a3b1800ba0b811b7a50b2dc0993b037d0fc53768ba295bcfe8c3067 -workDir "/home/ec2-user/slave_ws"
Jul 15, 2020 5:07:46 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/slave_ws/remoting as a remoting work directory
Jul 15, 2020 5:07:46 AM org.jenkinsci.remoting.engine.WorkDirManager setupLogging
INFO: Both error and output logs will be printed to /home/ec2-user/slave_ws/remoting
Jul 15, 2020 5:07:47 AM hudson.remoting.jnlp.Main createEngine
INFO: Setting up agent: slave1
Jul 15, 2020 5:07:47 AM hudson.remoting.jnlp.Main$CuiListener <init>
INFO: Jenkins agent is running in headless mode.
Jul 15, 2020 5:07:47 AM hudson.remoting.Engine startEngine
INFO: Using Remoting version: 4.3
Jul 15, 2020 5:07:47 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/slave_ws/remoting as a remoting work directory
Jul 15, 2020 5:07:47 AM hudson.remoting.jnlp.Main$CuiListener status
INFO: Locating server among [http://13.233.233.131:8080/]
Jul 15, 2020 5:07:47 AM org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver resolve
INFO: Remoting server accepts the following protocols: [JNLP4-connect, Ping]
Jul 15, 2020 5:07:52 AM org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver isPortVisible
WARNING: connect timed out
Jul 15, 2020 5:07:52 AM hudson.remoting.jnlp.Main$CuiListener error
SEVERE: http://13.233.233.131:8080/ provided port:33469 is not reachable
java.io.IOException: http://13.233.233.131:8080/ provided port:33469 is not reachable
    at org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver.resolve(JnlpAgentEndpointResolver.java:314)
    at hudson.remoting.Engine.innerRun(Engine.java:693)
    at hudson.remoting.Engine.run(Engine.java:518)
[ec2-user@ip-172-31-45-55 slave_ws]$
```

Plugins Installation

```
root@ip-172-31-45-55:~#
--> Finished Dependency Resolution

Dependencies Resolved

===== Package Arch Version Repository Size
Installing:
git x86_64 2.14.6-1.62.amzn1 amzn-updates 12 M
Installing for dependencies:
perl-Error.noarch 1:0.17020-2.9.amzn1 amzn-main 33 k
perl-Git.noarch 2.14.6-1.62.amzn1 amzn-updates 69 k
perl-TermReadKey.x86_64 2.30-20.9.amzn1 amzn-main 33 k

Transaction Summary
=====Install 1 Package (+3 Dependent packages)

Total download size: 12 M
Installed size: 29 M
Downloading packages:
(1/4): perl-Error-0.17020-2.9.amzn1.noarch.rpm | 33 kB 00:00:00
(2/4): perl-TermReadKey-2.30-20.9.amzn1.x86_64.rpm | 33 kB 00:00:00
(3/4): perl-Git-2.14.6-1.62.amzn1.noarch.rpm | 69 kB 00:00:00
(4/4): git-2.14.6-1.62.amzn1.x86_64.rpm | 12 MB 00:00:01
-----Total
7.7 MB/s | 12 MB 00:01

Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : 1:perl-Error-0.17020-2.9.amzn1.noarch 1/4
Installing : perl-TermReadKey-2.30-20.9.amzn1.x86_64 2/4
Installing : git-2.14.6-1.62.amzn1.x86_64 3/4
Installing : perl-Git-2.14.6-1.62.amzn1.noarch 4/4
Verifying : 1:perl-Error-0.17020-2.9.amzn1.noarch 1/4
Verifying : git-2.14.6-1.62.amzn1.x86_64 2/4
Verifying : perl-Git-2.14.6-1.62.amzn1.noarch 3/4
Verifying : perl-TermReadKey-2.30-20.9.amzn1.x86_64 4/4

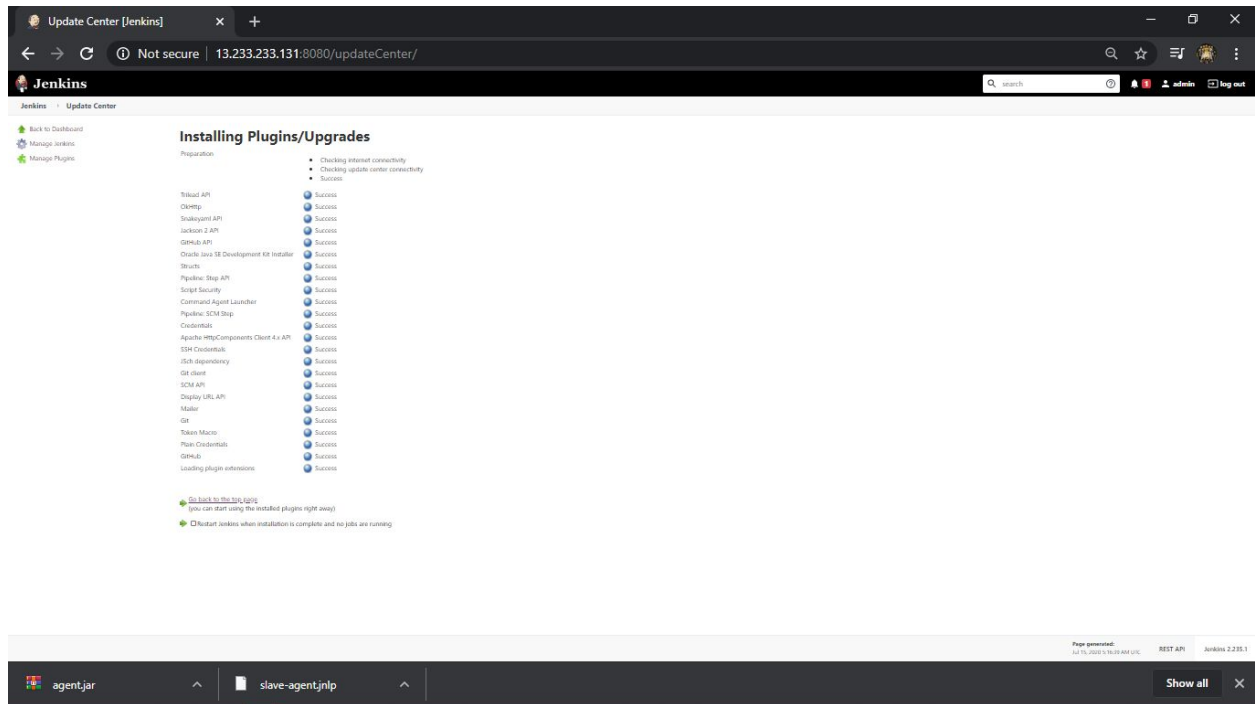
Installed:
git.x86_64 0:2.14.6-1.62.amzn1

Dependency Installed:
perl-Error.noarch 1:0.17020-2.9.amzn1 perl-Git.noarch 0:2.14.6-1.62.amzn1
perl-TermReadKey.x86_64 0:2.30-20.9.amzn1

Complete!
[root@ip-172-31-45-55 ~]#
```

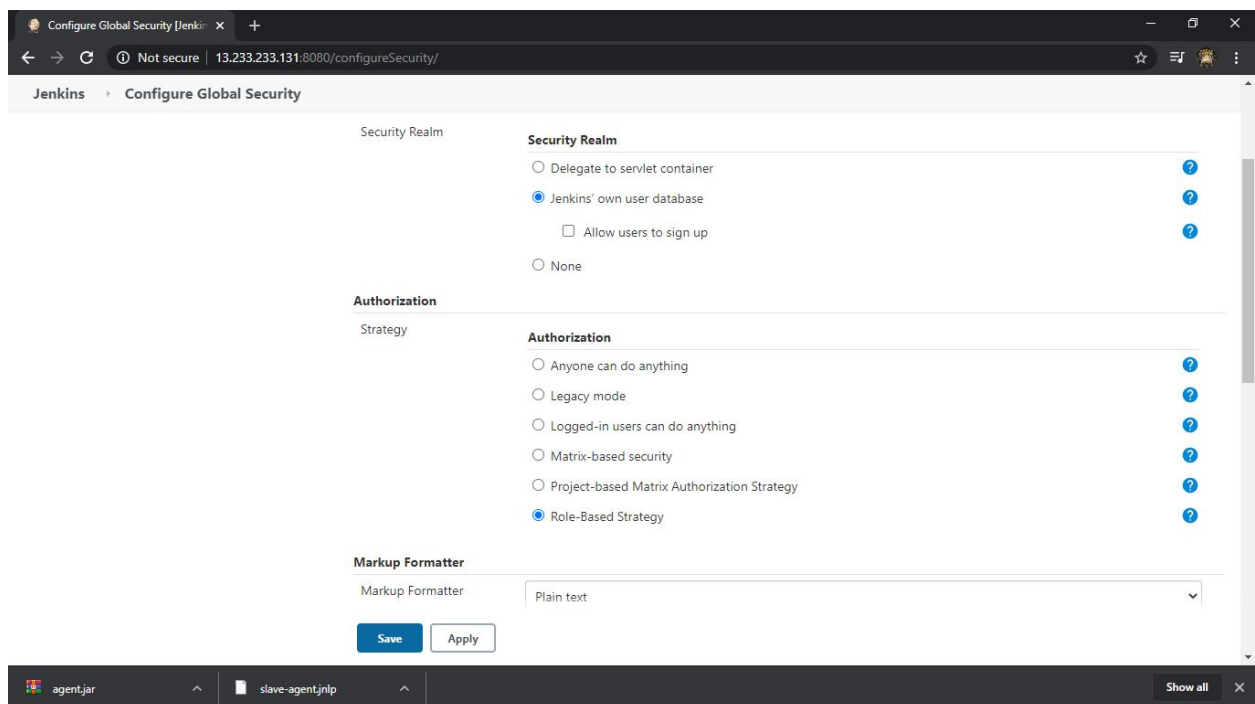
The screenshot shows the Jenkins Update Center interface in a web browser. The page title is 'Installing Plugins/Upgrades'. On the left, there are navigation links: 'Back to Dashboard', 'Manage Jenkins', and 'Manage Plugins'. The main content area shows a list of plugins with their installation status. The 'Preparation' section is active, showing a progress bar and a list of plugins. The 'Trilead API' and 'OkHttp' are marked as 'Success', while the others are 'Pending'.

Plugin	Status
Trilead API	Success
OkHttp	Success
Snakeyaml API	Pending
Jackson 2 API	Pending
GitHub API	Pending
Oracle Java SE Development Kit Installer	Pending
Struts	Pending
Pipeline: Step API	Pending
Script Security	Pending
Command Agent Launcher	Pending
Pipeline: SCM Step	Pending
Credentials	Pending
Apache HttpComponents Client 4.x API	Pending



Authorization

Creating a Role Based strategy



Thanks

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20094406