

Activities

Firefox Web Browser

19:20

Setup Wizard [Jenkins]

3.15.144.105:8080

Getting Started

Instance Configuration

Jenkins URL:

The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the BUILD_URL environment variable provided to build steps.

The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value to the URL that users are expected to use. This will avoid confusion when sharing or viewing links.

```
ubuntu@ip-172-31-11-176: ~$ service jenkins status
jenkins.service - LSB: Start Jenkins at boot time
Loaded: loaded (/etc/init.d/jenkins; generated)
Active: active (running) since Sat 2021-11-13 13:40:36 UTC; 3min 52s ago
Docs: man:systemd-sysv-generator(8)
Tasks: 0 (limit: 1154)
Memory: 0B
CGroup: /system.slice/jenkins.service

Nov 13 13:40:36 ip-172-31-11-176 systemd[1]: Started LSB: Start Jenkins at boot
Nov 13 13:40:35 ip-172-31-11-176 jenkins[6072]: Correct java version found
Nov 13 13:40:35 ip-172-31-11-176 jenkins[6072]: * Starting Jenkins Automation
Nov 13 13:40:35 ip-172-31-11-176 su[6105]: (to jenkins) root on none
Nov 13 13:40:35 ip-172-31-11-176 su[6105]: pam_unix(su-l:session): session open
Nov 13 13:40:35 ip-172-31-11-176 su[6105]: pam_unix(su-l:session): session close
Nov 13 13:40:36 ip-172-31-11-176 jenkins[6072]: ...done.
Nov 13 13:40:36 ip-172-31-11-176 systemd[1]: Started LSB: Start Jenkins at boot

ubuntu@ip-172-31-11-176: ~$ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
ec867388ffdd44b9ad48d3042c73c2e1
ubuntu@ip-172-31-11-176: ~$
```

Jenkins 2.303.3

Not now Save and Finish

Configuring Jenkins

Activities

Firefox Web Browser

19:39

Nodes [Jenkins]

3.15.144.105:8080/computer/

Jenkins

search

🔔 🔔 🔔 🔔 🔔

sreehari p

log out

Dashboard

Nodes

Back to Dashboard

Manage Jenkins

New Node

Configure Clouds

Node Monitoring

Build Queue

Build Executor Status

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
1	jenkins-slave1		N/A	N/A	N/A	N/A	N/A
2	jenkins-slave2		N/A	N/A	N/A	N/A	N/A
	master	Linux (amd64)	In sync	5.38 GB	0 B	5.38 GB	0ms
Data obtained			59 sec	59 sec	59 sec	59 sec	59 sec

Refresh status

1 Idle

2 Idle

jenkins-slave1 (offline)

jenkins-slave2 (offline)

Configured two slave nodes

REST API Jenkins 2.303.3

Activities

Terminal-emulator

Test #12 Console [jenkins] +

← → ↺

3.15.144.105:8080/job/Test/12/console

🏠

🔍 search

🔔

👤 sreehari p

🚪 log out

Jenkins

Dashboard > Test > #12

🏠 Back to Project

📊 Status

📄 Changes

📜 Console Output

📄 View as plain text

📄 Edit Build Information

🗑️ Delete build '#12'

📄 Git Build Data

📄 Previous Build

🟢

Console Output

Started by user **sreehari p**

Running as system

Building remotely on **jenkins-slave1** in workspace /home/ubuntu/jenkins

The recommended git tool is: NONE

No credentials specified

```
> git rev-parse --resolve-git-dir /home/ubuntu/jenkins/workspace/Test/12
> git fetch --tags --force --progress -- https://github.com/sreeharipremkumar/dev_jenkins.git
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/sreeharipremkumar/dev_jenkins.git
Fetching upstream changes from https://github.com/sreeharipremkumar/dev_jenkins.git
> git --version # git version 2.25.1'
> git fetch --tags --force --progress -- https://github.com/sreeharipremkumar/dev_jenkins.git
Seen branch in repository origin/main
> git show-ref --tags -d # timeout=10
Checking out Revision fb2fc3ef7416a40abb8af6b3d73bb728e7abfe5 (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f fb2fc3ef7416a40abb8af6b3d73bb728e7abfe5 # timeout=10
Commit message: "Update index.html"
> git rev-list --no-walk c53b21933b7727ff9a7b4f06304cb534add6e95 # [Test] $ /bin/sh -xe /tmp/jenkins3558416660899484344.sh
+ sudo docker ps -a -q
+ sudo docker rm -f dbdca2a4ddc9
+ sudo docker build /home/ubuntu/jenkins/workspace/Test -t test
Sending build context to Docker daemon 226.3kB

Step 1/6 : FROM centos:latest
--> 5d9da3dc9764
Step 2/6 : MAINTAINER SreehariPremkumar
--> Using cache
--> 29c91e2ed2cb
Step 3/6 : RUN yum install httpd -y
--> Using cache
--> aad7ad25508e
Step 4/6 : ADD ./website /var/www/html/website
--> 133c37e9631a
Step 5/6 : EXPOSE 80
--> Running in f4624e686e45
Removing intermediate container f4624e686e45
```

Build node

Fetches files from GitHub

Then builds and runs the Dockerfile

ubuntu@ip-172-31-26-159: ~

Usage of /: 35.3% of 7.69GB

Memory usage: 71%

Swap usage: 0%

Users logged in: 0

IPv4 address for eth0: 172.31.11.176

* Ubuntu Pro delivers the most comprehensive open source security and compliance features.

https://ubuntu.com/aws/pro

11 updates can be applied immediately. To see these additional updates run: apt list --upgradable

*** System restart required ***

Last login: Sun Nov 14 07:54:25 2021 from 103.226.144.45

ubuntu@ip-172-31-26-159: ~

ubuntu@ip-172-31-24-238: ~

Nov 14, 2021 8:17:23 AM hudson.remoting.jnlp.Main \$

INFO: Remote identity confirmed: 11:4e:41:87:42:e:de:a4:72:61:21:fe:ba:1b:34:81

Nov 14, 2021 8:17:24 AM hudson.remoting.jnlp.Main \$

INFO: Connected

ubuntu@ip-172-31-24-238: ~/jenkins/workspace/Test

Nov 14, 2021 8:17:23 AM hudson.remoting.jnlp.Main \$

INFO: Remote identity confirmed: 11:4e:41:87:42:e:de:a4:72:61:21:fe:ba:1b:34:81

Nov 14, 2021 8:17:24 AM hudson.remoting.jnlp.Main \$

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ubuntu@ip-172-31-26-159: ~

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Nov 14, 2021 8:17:24 AM hudson.remoting.jnlp.Main \$

INFO: Connected

Port : 1234

Port : 80

Port specified during individual node configuration

TEST Server

Production Server

Activities Xterminal-emulator 16:18

CICD (Aws Master-Slave) 3.15.144.105:8080/view/CICD (Aws Master-Slave)/

Jenkins

Dashboard > CICD (Aws Master-Slave)

Build Pipeline: CICD

Run History Configure Add Step Delete Manage

Pipeline #15 Test #8 production

Nov 14, 2021 10:45:59 AM 1.7 sec sreehari

Nov 14, 2021 10:46:10 AM 1.6 sec

Retrives commits on Github

Runs them on the test server(port 1234)

If no errors passes onto Production

Production server (port : 80)

gets the changes from test if no issues occur

```

ubuntu@ip-172-31-24-238: ~/jenkins/workspace
ubuntu@ip-172-31-11-176: ~ 100x7

11 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

*** System restart required ***
Last login: Sun Nov 14 07:54:25 2021 from 103.226.144.45
ubuntu@ip-172-31-11-176: ~$

ubuntu@ip-172-31-24-238: ~ 49x13
$ curl -s https://api.github.com/repos/sreehari/prem-kumar/dev_jenkins/settings/hooks/328399677
INFO: Trying protocol: JNLPG4-connect
Nov 14, 2021 8:17:23 AM org.jenkinsci.remoting.protocol.impl.BIONetworkLayer$Reader run
INFO: Waiting for ProtocolStack to start.
Nov 14, 2021 8:17:23 AM hudson.remoting.jnlp.Main
SCUllistener status
INFO: Remote identity confirmed: 11:4e:41:87:42:e
e:ide:a4:72:61:21:fe:b8:1b:34:81
Nov 14, 2021 8:17:24 AM hudson.remoting.jnlp.Main
SCUllistener status
INFO: Connected

ubuntu@ip-172-31-24-238: ~/jenkins/workspace 49x11
ubuntu@ip-172-31-24-238: ~/jenkins/workspace$ ls
test
ubuntu@ip-172-31-24-238: ~/jenkins/workspace$

ubuntu@ip-172-31-26-159: ~ 49x13
$ curl -s https://api.github.com/repos/sreehari/prem-kumar/dev_jenkins/settings/hooks/328399677
INFO: Trying protocol: JNLPG4-connect
Nov 14, 2021 8:17:33 AM org.jenkinsci.remoting.protocol.impl.BIONetworkLayer$Reader run
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e:ide:a4:72:61:21:fe:b8:1b:34:81
Nov 14, 2021 8:17:34 AM hudson.remoting.jnlp.Main
SCUllistener status
INFO: Connected

ubuntu@ip-172-31-24-238: ~/jenkins/workspace 49x11
ubuntu@ip-172-31-24-238: ~/jenkins/workspace$ ls
test
ubuntu@ip-172-31-24-238: ~/jenkins/workspace$

ubuntu@ip-172-31-26-159: ~/jenkins/workspace 49x11
ubuntu@ip-172-31-26-159: ~/jenkins/workspace$ ls
production
ubuntu@ip-172-31-26-159: ~/jenkins/workspace$

REST API Jenkins 2.303.3

```

Activities Firefox Web Browser 16:44

Webhook - http://3.15.144.105:8080/view/CICD (Aws Master-Slave)/

https://github.com/sreeharipremkumar/dev_jenkins/settings/hooks/328399677

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Options

Manage access

Security & analysis

Branches

Webhooks

Notifications

Integrations

Deploy keys

Actions

Environments

Secrets

Pages

Moderation settings

Webhooks / Manage webhook

Settings Recent Deliveries

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in our [developer documentation](#).

Payload URL *

http://3.15.144.105:8080/github-webhook/

Content type

application/x-www-form-urlencoded

Secret

Which events would you like to trigger this webhook?

☒ Just the push event.

☐ Send me everything

☐ Let me select individual events.

☒ Active

We will deliver event details when this hook is triggered.

Update webhook Delete webhook

Webhook is used to retrieve Github commits on Jenkins

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