

Date: 29/03/2024

DEPLOY HTML APPLICATION USING JENKINS PIPELINE:

PREQUISITES:

1) Install Jenkins in One Ec2 Server: (Jenkins Master)

```
yum update -y
yum install java-17 -y
yum install git -y
yum install mvn -y
yum install docker -y
systemctl start docker
systemctl enable docker
systemctl status docker
docker run -d -p 8080:8080 -p 50000:50000 jenkins/jenkins:its
```

2) For Jenkins Slave:

```
yum update -y
yum install java-17 -y
yum install git -y
yum install mvn -y
```

Run Below Commands to connect Jenkins-slave with Jenkins-Master:

```
java -jar agent.jar -url http://54.152.5.61:8080/ -secret
12fa91f4004e91707899d75b576ae1e722994b73ec7fe3ee89d60dff88e19996 -name "slave-1" -
workDir "/home/ec2-user/"
```

3) Install Application Server in Another Ec2 Machine :

```
yum update -y
yum install httpd -y
service httpd start
service httpd status
chmod 777 /var/www/html/
```

4) Required Plugins:

- 1) Git hub
- 2) Publish Over SSH

5) Configuration Details:

- 1) Go to Dashboard -Manage jenkins – system
- 2) Scroll Down – Click on **Publish over SSH**

a) Add ssh servers

```
Name : Application Server
Hostname: Private Ip of Application Server ( Tomcat Server)
Username: ec2-user
Remote Directory: /var/www/html/
Click on Advance
Click on Use password authentication, or use a different key
Key : Paste Private Pem key of Application Server
Click on Test
It shows success message
```

```
tommy
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit

Quick connect...
/home/ec2-user/
Name
ssh
apache-tomcat-10.1.19
caches
Html-Project-PetClinic
remoting
tools
workspace
.bash_history
.bash_logout
.bash_profile
.bashrc
agent.jar
apache-tomcat-10.1.19.tar.gz
maven3-interceptor-commons.jar
maven35-agent.jar
maven35-interceptor.jar
sprint.sh
Remote monitoring
Follow terminal folder

[2 JENKINS] 3 tommy 5. tommy
[root@ip-172-31-47-69 ec2-user]# yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.6 kB 00:00:00
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.58-1.amzn2 will be installed
--> Processing Dependency: httpdfilesystem = 2.4.58-1.amzn2 for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: httpd-tools = 2.4.58-1.amzn2 for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: /etc/mime.types for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: httpdfilesystem for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.58-1.amzn2.x86_64
--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.58-1.amzn2.x86_64
--> Running transaction check
--> Package apr.x86_64 0:1.7.2-1.amzn2 will be installed
--> Package apr-util.x86_64 0:1.6.3-1.amzn2.0.1 will be installed
--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.3-1.amzn2.0.1 for package: apr-util-1.6.3-1.amzn2.0.1.x86_64
--> Package generic-logos-httpd.noarch 0:18.0.0-4.amzn2 will be installed
--> Package httpdfilesystem.noarch 0:2.4.58-1.amzn2 will be installed
--> Package httpd-tools.x86_64 0:2.4.58-1.amzn2 will be installed
--> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed
--> Package mod_http2.x86_64 0:1.15.19-1.amzn2.0.1 will be installed
--> Running transaction check
--> Package apr-util-bdb.x86_64 0:1.6.3-1.amzn2.0.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

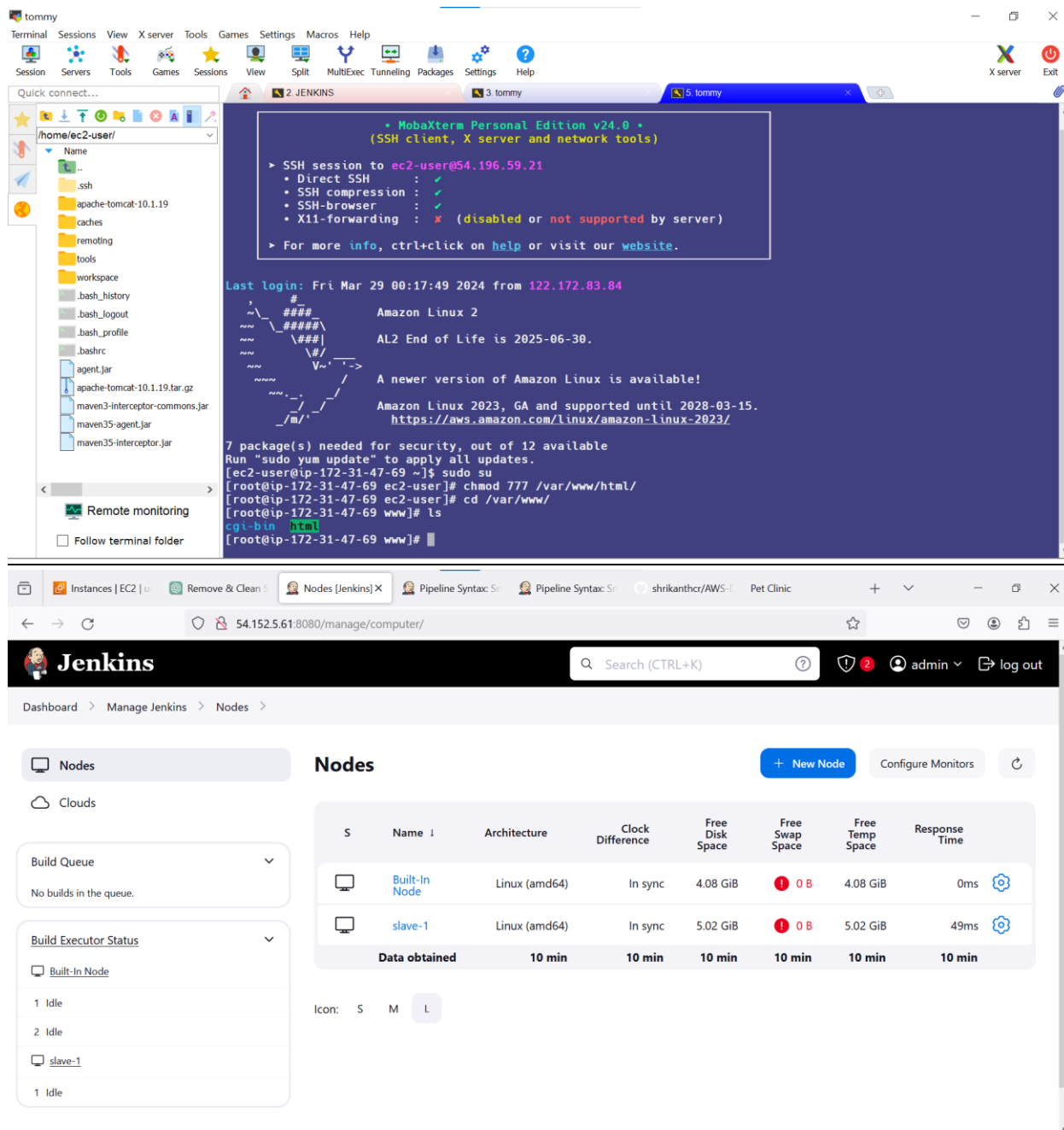
Package Arch Version Repository Size
Installing:
```

```
tommy
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit

Quick connect...
/home/ec2-user/
Name
ssh
apache-tomcat-10.1.19
caches
Html-Project-PetClinic
remoting
tools
workspace
.bash_history
.bash_logout
.bash_profile
.bashrc
agent.jar
apache-tomcat-10.1.19.tar.gz
maven3-interceptor-commons.jar
maven35-agent.jar
maven35-interceptor.jar
sprint.sh
Remote monitoring
Follow terminal folder

[2 JENKINS] 3 tommy 5. tommy
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-47-69 ec2-user]# service httpd enable
The service command supports only basic LSB actions (start, stop, restart, try-restart, reload, force-reload, statu
s). For other actions, please try to use systemctl.
[root@ip-172-31-47-69 ec2-user]# 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 Fri 2024-03-29 00:28:32 UTC; 15s ago
     Docs: man:httpd.service(8)
   Main PID: 8880 (httpd)
    Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
     Tasks: 47
    Memory: 9.6M
    CGroup: /system.slice/httpd.service
            └─8880 /usr/sbin/httpd -DFOREGROUND
              └─8881 /usr/sbin/httpd -DFOREGROUND
                └─8882 /usr/sbin/httpd -DFOREGROUND
                  └─8883 /usr/sbin/httpd -DFOREGROUND
                    └─8884 /usr/sbin/httpd -DFOREGROUND
                      └─8885 /usr/sbin/httpd -DFOREGROUND

Mar 29 00:28:32 ip-172-31-47-69.ec2.internal systemd[1]: Starting The Apache HTTP Server...
Mar 29 00:28:32 ip-172-31-47-69.ec2.internal systemd[1]: Started The Apache HTTP Server.
[root@ip-172-31-47-69 ec2-user]# java -jar agent.jar -url http://54.152.5.61:8080/ -secret 12fa91f4004e91707899d75b
576ae1e722994b73ec7fe3ee89d60dff88e19996 -name "slave-1" -workDir "/home/ec2-user/"
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/remoting as a remoting work directory
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager setupLogging
INFO: Both error and output logs will be printed to /home/ec2-user/remoting
Mar 29, 2024 12:37:08 AM hudson.remoting.Launcher createEngine
INFO: Setting up agent: slave-1
Mar 29, 2024 12:37:08 AM hudson.remoting.Engine startEngine
```



tommy

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

/home/ec2-user/

Name

ssh

apache-tomcat-10.1.19

caches

Html-Project-PetClinic

remoting

tools

workspace

.bash_history

.bash_logout

.bash_profile

.bashrc

agent.jar

apache-tomcat-10.1.19.tar.gz

maven3-interceptor-commons.jar

maven35-agent.jar

maven35-interceptor.jar

screen.sh

Remote monitoring

☐ Follow terminal folder

```
[root@ip-172-31-47-69 ec2-user]# java -jar agent.jar -url http://54.152.5.61:8080/ -secret 12fa91f4004e91707899d75b576ae1e722994b73ec7fe3ee89d60dff88e19996 -name "slave-1" -workDir "/home/ec2-user/"
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/remoting as a remoting work directory
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager setupLogging
INFO: Both error and output logs will be printed to /home/ec2-user/remoting
Mar 29, 2024 12:37:08 AM hudson.remoting.Launcher createEngine
INFO: Setting up agent: slave-1
Mar 29, 2024 12:37:08 AM hudson.remoting.Engine startEngine
INFO: Using Remoting version: 3206.vb_15dcf73f6a_9
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/remoting as a remoting work directory
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Locating server among [http://54.152.5.61:8080/]
Mar 29, 2024 12:37:09 AM org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver resolve
INFO: Remoting server accepts the following protocols: [JNLP4-connect, Ping]
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Agent discovery successful
Agent address: 54.152.5.61
Agent port: 50000
Identity: 5e:3a:66:ec:9f:d3:c4:a4:ee:0a:df:2e:2f:0f:a0:04
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Handshaking
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Connecting to 54.152.5.61:50000
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Server reports protocol JNLP4-connect-proxy not supported, skipping
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Trying protocol: JNLP4-connect
Mar 29, 2024 12:37:09 AM org.jenkinsci.remoting.protocol.impl.BIONetworkLayer$Reader run
INFO: Waiting for ProtocolStack to start.
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Remote identity confirmed: 5e:3a:66:ec:9f:d3:c4:a4:ee:0a:df:2e:2f:0f:a0:04
```

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Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

/home/ec2-user/

Name

ssh

apache-tomcat-10.1.19

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.bash_history

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agent.jar

apache-tomcat-10.1.19.tar.gz

maven3-interceptor-commons.jar

maven35-agent.jar

maven35-interceptor.jar

screen.sh

Remote monitoring

☐ Follow terminal folder

```
INFO: Using /home/ec2-user/remoting as a remoting work directory
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager setupLogging
INFO: Both error and output logs will be printed to /home/ec2-user/remoting
Mar 29, 2024 12:37:08 AM hudson.remoting.Launcher createEngine
INFO: Setting up agent: slave-1
Mar 29, 2024 12:37:08 AM hudson.remoting.Engine startEngine
INFO: Using Remoting version: 3206.vb_15dcf73f6a_9
Mar 29, 2024 12:37:08 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using /home/ec2-user/remoting as a remoting work directory
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
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Mar 29, 2024 12:37:09 AM org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver resolve
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Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Agent discovery successful
Agent address: 54.152.5.61
Agent port: 50000
Identity: 5e:3a:66:ec:9f:d3:c4:a4:ee:0a:df:2e:2f:0f:a0:04
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Handshaking
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Connecting to 54.152.5.61:50000
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Server reports protocol JNLP4-connect-proxy not supported, skipping
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Trying protocol: JNLP4-connect
Mar 29, 2024 12:37:09 AM org.jenkinsci.remoting.protocol.impl.BIONetworkLayer$Reader run
INFO: Waiting for ProtocolStack to start.
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Remote identity confirmed: 5e:3a:66:ec:9f:d3:c4:a4:ee:0a:df:2e:2f:0f:a0:04
Mar 29, 2024 12:37:09 AM hudson.remoting.Launcher$CuiListener status
INFO: Connected
Mar 29, 2024 12:37:50 AM jenkins.plugins.publish_over.BCPublishPublisher invoke
```

Dashboard > Manage Jenkins > Plugins

Plugins

- Updates 6
- Available plugins
- Installed plugins
- Advanced settings
- Download progress

PUBLISH OVER SSH

Name	Enabled
Publish Over SSH 1.25	<input checked="" type="checkbox"/>
Send build artifacts over SSH	<input checked="" type="checkbox"/>
Report an issue with this plugin	

REST API Jenkins 2.440.2

Dashboard > Manage Jenkins > System

Publish over SSH

Jenkins SSH Key ?

Passphrase ?

Concealed [Change Password](#)

Path to key ?

Key ?

Instances | EC2 | u Remove & Clean System [Jenkins: X] Pipeline Syntax: S Pipeline Syntax: S shrikanthcr/AWS- Pet Clinic

54.152.5.61:8080/manage/configure

Dashboard > Manage Jenkins > System >

☐ Disable exec ?

SSH Servers

SSH Server

Name ?

APPLICATION-SERVER-TOMCAT

Hostname ?

172.31.47.69

Private Ip of Tomcat Server (Application

Username ?

ec2-user

Instances | EC2 | u Remove & Clean System [Jenkins: X] Pipeline Syntax: S Pipeline Syntax: S shrikanthcr/AWS- Pet Clinic

54.152.5.61:8080/manage/configure

Dashboard > Manage Jenkins > System >

Remote Directory ?

/var/www/html/

☐ Avoid sending files that have not changed ?

Advanced ^ Edited

☒ Use password authentication, or use a different key ?

Passphrase / Password ?

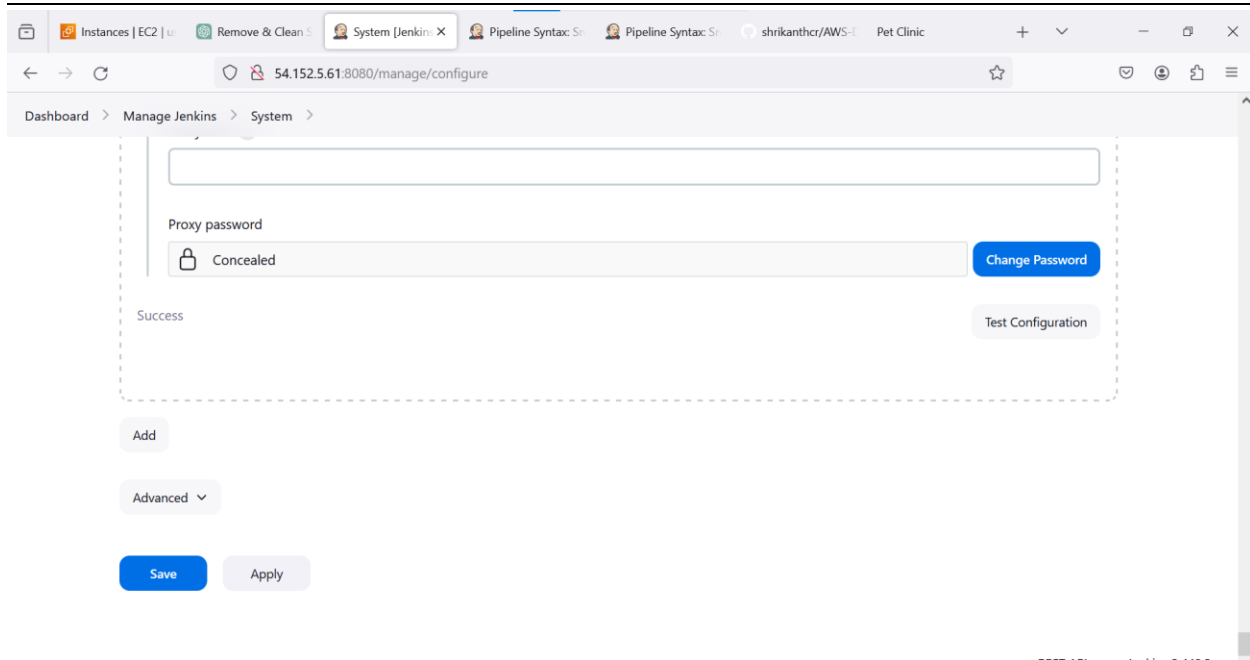
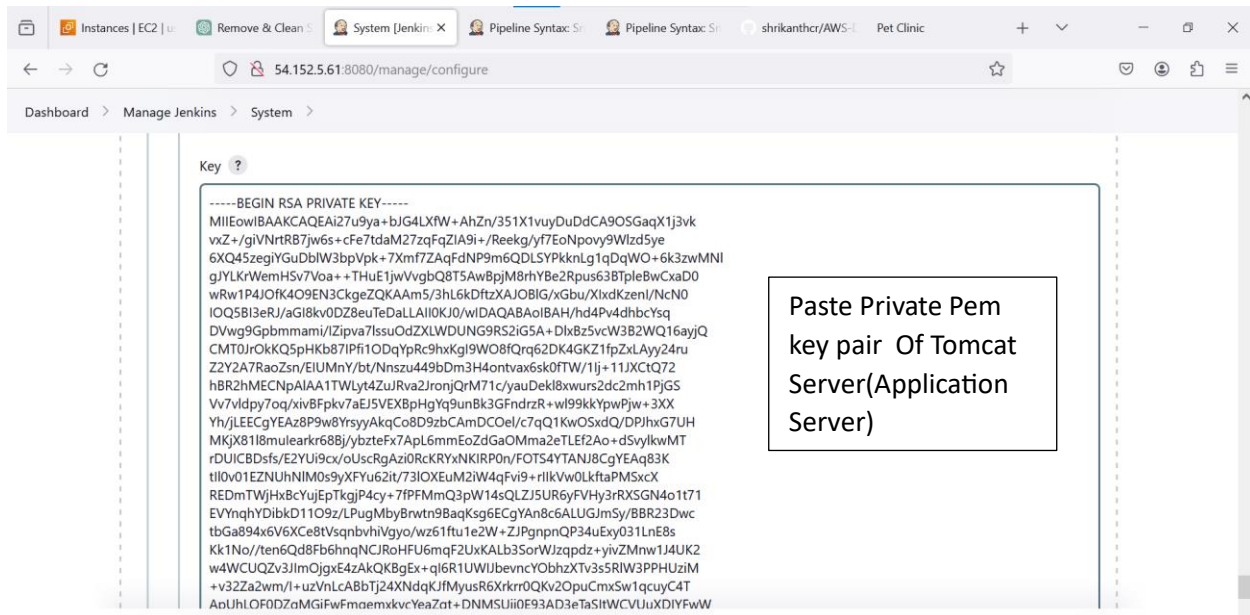
Concealed

Change Password

Path to key ?

Key ?

BEGIN RSA PRIVATE KEY



Instances | EC2 | u Remove & Clean Httpd-Jenkins-X Pipeline Syntax Sr Pipeline Syntax Sr shrikantcr/AWS- Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/configure

Dashboard > Httpd-Jenkins-pipeline > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

Pipeline script

Script ?

```
1 = pipeline {
2   agent {
3     label 'slave-1'
4   }
5
6   stages {
7     stage('Git-Clone') {
8       steps {
9         git branch: 'AWS-DEVOPS-BRANCH', changelog: false, poll: false, url: 'https://github.com/shrikan
10      }
11    }
12    stage('Deploy to App server') {
13      steps {
14        sshPublisher(publishers: [sshPublisherDesc(configName: 'APPLICATION-SERVER-TOMCAT', transfers: [
15      ]
16    }
17  }
18 }
```

☒ Use Groovy Sandbox ?

[Pipeline Syntax](#)

Instances | EC2 | u Remove & Clean Httpd-Jenkins-X Pipeline Syntax Sr Pipeline Syntax Sr shrikantcr/AWS- Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/configure

Dashboard > Httpd-Jenkins-pipeline > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

```
4   }
5
6   stages {
7     stage('Git-Clone') {
8       steps {
9         git branch: 'AWS-DEVOPS-BRANCH', changelog: false, poll: false, url: 'https://github.com/shrikan
10      }
11    }
12    stage('Deploy to App server') {
13      steps {
14        sshPublisher(publishers: [sshPublisherDesc(configName: 'APPLICATION-SERVER-TOMCAT', transfers: [
15      ]
16    }
17  }
18 }
19 }
```

☒ Use Groovy Sandbox ?

[Pipeline Syntax](#)

Instances | EC2 | u

Remove & Clean

Httpd-Jenkins-pip

Pipeline Syntax X

Pipeline Syntax: Sr

shrikanthcr/AWS-I

Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/pipeline-syntax/

Dashboard > Httpd-Jenkins-pipeline > Pipeline Syntax

↑ Back

⚙️ Snippet Generator

⚙️ Declarative Directive Generator

❓ Declarative Online Documentation

❓ Steps Reference

❓ Global Variables Reference

❓ Online Documentation

❓ Examples Reference

❓ IntelliJ IDEA GDSDL

Overview

This **Snippet Generator** will help you learn the Pipeline Script code which can be used to define various steps. Pick a step you are interested in from the list, configure it, click **Generate Pipeline Script**, and you will see a Pipeline Script statement that would call the step with that configuration. You may copy and paste the whole statement into your script, or pick up just the options you care about. (Most parameters are optional and can be omitted in your script, leaving them at default values.)

Steps

Sample Step

git: Git

git ?

Repository URL ?
https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git

Branch ?
AWS-DEVOPS-BRANCH

Instances | EC2 | u

Remove & Clean

Httpd-Jenkins-pip

Pipeline Syntax X

Pipeline Syntax: Sr

shrikanthcr/AWS-I

Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/pipeline-syntax/

Dashboard > Httpd-Jenkins-pipeline > Pipeline Syntax

https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git

Branch ?
AWS-DEVOPS-BRANCH

Credentials ?
- none -
+ Add

☐ Include in polling? ?

☐ Include in changelog? ?

Generate Pipeline Script

git branch: 'AWS-DEVOPS-BRANCH', changelog: false, poll: false, url: 'https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git'

Instances | EC2 | u Remove & Clean S Httpd-Jenkins-pip Pipeline Syntax: S Pipeline Syntax: X shrikanthcr/AWS-1 Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/pipeline-syntax/

Dashboard > Httpd-Jenkins-pipeline > Pipeline Syntax

Steps Reference
Global Variables Reference
Online Documentation
Examples Reference
IntelliJ IDEA GDSDL

Steps

Sample Step

sshPublisher: Send build artifacts over SSH

sshPublisher ?

SSH Publishers

SSH Server

Name ?

APPLICATION-SERVER-TOMCAT

Advanced

Transfers

Transfer Set

Source files ?

Instances | EC2 | u Remove & Clean S Httpd-Jenkins-pip Pipeline Syntax: S Pipeline Syntax: X shrikanthcr/AWS-1 Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/pipeline-syntax/

Dashboard > Httpd-Jenkins-pipeline > Pipeline Syntax

Transfers

Transfer Set

Source files ?

Html-Project-PetClinic/**

Remove prefix ?

Html-Project-PetClinic/

Remote directory ?

Exec command ?

pwd

Instances | EC2 | uRemove & CleanHttpd-Jenkins-pipPipeline Syntax: SPipeline Syntax: Xshrikanthcr/AWS-IPet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/pipeline-syntax/

Dashboard > Httpd-Jenkins-pipeline > Pipeline Syntax

Add Transfer Set

Add Server

Advanced

Generate Pipeline Script

sshPublisher(publishers: [sshPublisherDesc(configName: 'APPLICATION-SERVER-TOMCAT', transfers: [sshTransfer(cleanRemote: false, excludes: '', execCommand: 'pwd', execTimeout: 120000, flatten: false, makeEmptyDirs: false, noDefaultExcludes: false, patternSeparator: '[/]*', remoteDirectory: '', remoteDirectorySDF: false, removePrefix: 'Html-Project-PetClinic/', sourceFiles: 'Html-Project-PetClinic/**'), usePromotionTimestamp: false, useWorkspaceInPromotion: false, verbose: false)])

Instances | EC2 | uRemove & CleanHttpd-Jenkins-pipPipeline Syntax: SHttpd-Jenkins-Xshrikanthcr/AWS-IPet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/

Dashboard > Httpd-Jenkins-pipeline

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Httpd-Jenkins-pipeline

Add description

Disable Project

Stage View

	Git-Clone	Deploy to App server
Average stage times: (Average full run time: ~2s)	4s	1s
#2 Mar 29 06:09 No Changes	785ms	882ms
#1 Mar 29 06:07 No Changes	7s	2s

Build History

trend

Filter...

#2
Mar 29, 2024, 12:39 AM

#1
Mar 29, 2024, 12:37 AM

Instances | EC2 | uRemove & Clean SHttpd-Jenkins-pipPipeline Syntax: SHttpd-Jenkins-Xshrikanthcr/AWS-Pet Clinic

54.152.5.61:8080/job/Httpd-Jenkins-pipeline/1/console

Dashboard > Httpd-Jenkins-pipeline > #1

```
> git config core.sparsecheckout # timeout=10
> git checkout -f 4f24473e15efbd30c1993243792bf41cc0bde34a # timeout=10
Commit message: "Update Docker User_Data"
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy to App server)
> git branch -a -v --no-abbrev # timeout=10
> git checkout -b AWS-DEVOPS-BRANCH 4f24473e15efbd30c1993243792bf41cc0bde34a # timeout=10
[Pipeline] sshPublisher
SSH: Connecting from host [ip-172-31-47-69.ec2.internal]
SSH: Connecting with configuration [APPLICATION-SERVER-TOMCAT] ...
ERROR: Exception when publishing, exception message [Permission denied]
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: UNSTABLE
```

REST APIJenkins 2.440.2

Instances | EC2 | uRemove & Clean SHttpd-Jenkins-pipPipeline Syntax: SHttpd-Jenkins-Xshrikanthcr/AWS-Pet Clinic

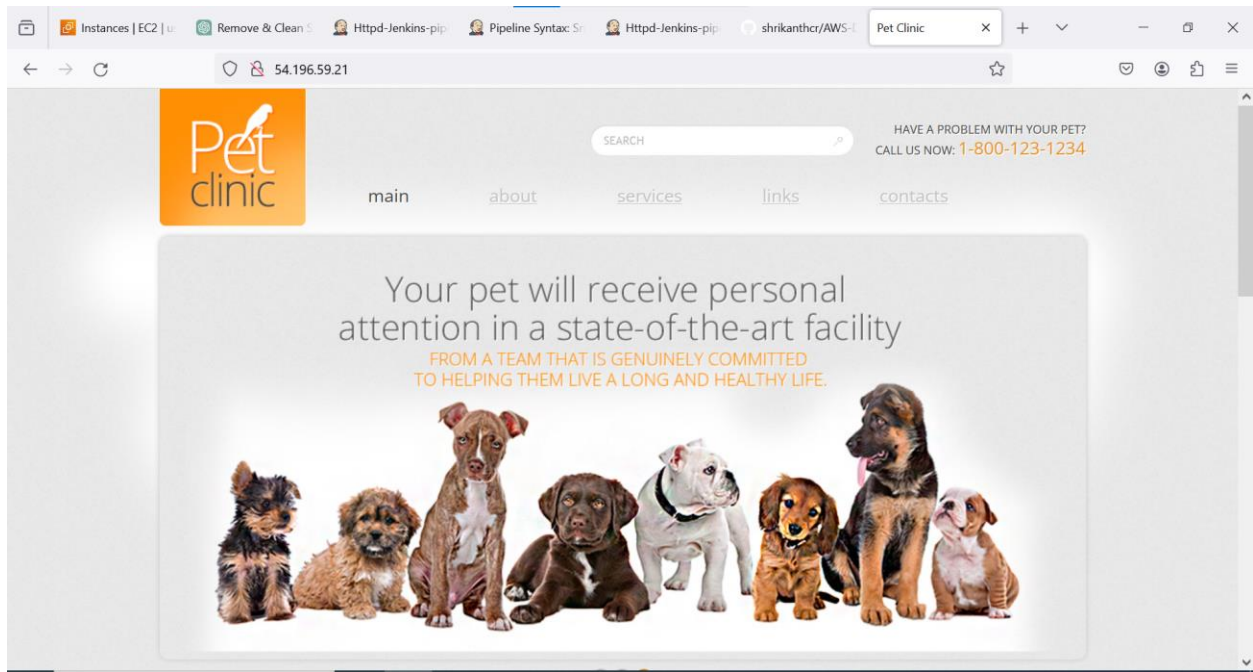
54.152.5.61:8080/job/Httpd-Jenkins-pipeline/2/console

Dashboard > Httpd-Jenkins-pipeline > #2

Workspaces

Previous Build

```
[Pipeline] { (Deploy to App server)
[Pipeline] sshPublisher
> git rev-parse --resolve-git-dir /home/ec2-user/workspace/Httpd-Jenkins-pipeline/.git # timeout=10
> git config remote.origin.url https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git # timeout=10
Fetching upstream changes from https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git
> git --version # timeout=10
> git --version # 'git version 2.40.1'
> git fetch --tags --force --progress -- https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/AWS-DEVOPS-BRANCH^{commit} # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f 4f24473e15efbd30c1993243792bf41cc0bde34a # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git branch -D AWS-DEVOPS-BRANCH # timeout=10
> git checkout -b AWS-DEVOPS-BRANCH 4f24473e15efbd30c1993243792bf41cc0bde34a # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```



JENKINS-PIPELINE:

```
pipeline {
  agent {
    label 'slave-1'
  }

  stages {
    stage('Git-Clone') {
      steps {
        git branch: 'AWS-DEVOPS-BRANCH', changelog: false, poll: false, url:
'https://github.com/shrikanthcr/AWS-DEVOPS-STUDY-MATERIALS.git'
      }
    }

    stage('Deploy to App server') {
      steps {
        sshPublisher(publishers: [sshPublisherDesc(configName: 'APPLICTION-SERVER-TOMCAT',
transfers: [sshTransfer(cleanRemote: false, excludes: '', execCommand: 'pwd', execTimeout: 120000,
```

```
flatten: false, makeEmptyDirs: false, noDefaultExcludes: false, patternSeparator: '[, ]+', remoteDirectory:  
", remoteDirectorySDF: false, removePrefix: 'Html-Project-PetClinic/', sourceFiles: 'Html-Project-  
PetClinic/**'), usePromotionTimestamp: false, useWorkspaceInPromotion: false, verbose: false)))
```

```
}
```

```
}
```

```
}
```

```
}
```