

Instances | EC2 | ap-southeast-1

Webhooks - Settings - abhiru

Jenkins on AWS

test-sit [Jenkins]

13.229.107.237

ap-southeast-1.console.aws.amazon.com/ec2/home?region=ap-southeast-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

VPC

Services

Search

[Alt+S]

Singapore

abhirup987

EC2 Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/4)

Info

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

< 1 >

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input checked="" type="checkbox"/> webserver	i-0dac35f99d2809d39	<input checked="" type="checkbox"/> Running	t2.micro	<input checked="" type="checkbox"/> 2/2 checks passed	View alarms +	ap-southeast-1
<input type="checkbox"/> jenkins	i-095de76cf2c2db2b35	<input checked="" type="checkbox"/> Running	t2.micro	<input checked="" type="checkbox"/> 2/2 checks passed	View alarms +	ap-southeast-1
<input type="checkbox"/> anisible	i-016e0eed82a6087c9	<input checked="" type="checkbox"/> Running	t2.micro	<input checked="" type="checkbox"/> 2/2 checks passed	View alarms +	ap-southeast-1
<input type="checkbox"/> developer	i-0f01fcbd737cbe421	<input checked="" type="checkbox"/> Running	t2.micro	<input checked="" type="checkbox"/> 2/2 checks passed	View alarms +	ap-southeast-1

i-0dac35f99d2809d39 (webserver)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance summary

Info

Instance ID

i-0dac35f99d2809d39 (webserver)

IPv6 address

-

Public IPv4 address copied

13.229.107.237

open address

Private IPv4 addresses

172.31.33.168

Public IPv4 DNS

ec2-13-229-107-237.ap-southeast-1.compute.amazonaws.com

CloudShell

Feedback

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Privacy

Terms

Cookie preferences

developer - root@ip-172-31-40-239:~/test/devops - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-54-255-146-127.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer

2 jenkins

3 anisible

4 webserver

All Sessions

[ec2-user@ip-172-31-40-239 ~]\$ sudo su

[root@ip-172-31-40-239 ec2-user]# cd

[root@ip-172-31-40-239 ~]# yum install git -y

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

amzn2-core

Resolving Dependencies

--> Running transaction check

--> Package git.x86\_64 0:2.40.1-1.amzn2.0.3 will be installed

--> Processing Dependency: git-core = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Processing Dependency: perl-Git = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Processing Dependency: perl(Term:ReadKey) for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Running transaction check

--> Package git-core.x86\_64 0:2.40.1-1.amzn2.0.3 will be installed

--> Package git-core-doc.noarch 0:2.40.1-1.amzn2.0.3 will be installed

--> Package perl-Git.noarch 0:2.40.1-1.amzn2.0.3 will be installed

--> Processing Dependency: perl(Error) for package: perl-Git-2.40.1-1.amzn2.0.3.noarch

--> Package perl-TermReadKey.x86\_64 0:2.30-20.amzn2.0.2 will be installed

--> Running transaction check

--> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
git	x86_64	2.40.1-1.amzn2.0.3	amzn2-core	54 k
Installing for dependencies:				
git-core	x86_64	2.40.1-1.amzn2.0.3	amzn2-core	10 M
git-core-doc	noarch	2.40.1-1.amzn2.0.3	amzn2-core	3.0 M
perl-Error	noarch	1:0.17020-2.amzn2	amzn2-core	32 k
perl-Git	noarch	2.40.1-1.amzn2.0.3	amzn2-core	42 k
perl-TermReadKey	x86_64	2.30-20.amzn2.0.2	amzn2-core	31 k

ssh://ec2-user@ec2-54-255-146-127.ap-southeast-1.compute.amazonaws.com:22

SSH2

xterm

16x36

36,33

4 sessions

CAP

NUM

developer - root@ip-172-31-40-239:~/test/devops - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-54-255-146-127.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 anisible 4 websever

All Sessions

Name	All Sessions
Type	Folder
Sub items	1
Host	SSH2
Port	22
Protocol	SSH
User Name	
Description	

Complete!  
[root@ip-172-31-40-239 ~]# mkdir test  
[root@ip-172-31-40-239 ~]# cd /test  
bash: cd: /test: No such file or directory  
[root@ip-172-31-40-239 ~]# cd test  
[root@ip-172-31-40-239 test]# git init  
hint: Using 'master' as the name for the initial branch. This default branch name  
hint: is subject to change. To configure the initial branch name to use in all  
hint: of your new repositories, which will suppress this warning, call:  
hint:  
hint: git config --global init.defaultBranch <name>  
hint:  
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and  
hint: 'development'. The just-created branch can be renamed via this command:  
hint:  
hint: git branch -m <name>  
Initialized empty Git repository in /root/test/.git/  
[root@ip-172-31-40-239 test]# ssh-keygen  
Generating public/private rsa key pair.  
Enter file in which to save the key (/root/.ssh/id\_rsa):  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /root/.ssh/id\_rsa.  
Your public key has been saved in /root/.ssh/id\_rsa.pub.  
The key fingerprint is:  
SHA256:3mG3j/vCjlkdxh28fIKTSLTsoA33h7tnJVh/AF1amIA root@ip-172-31-40-239.ap-southeast-1.compute.internal  
The key's randomart image is:  
+---[RSA 2048]----+  
| . . . . .  
| E . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
| . . . . .  
+---+  
[root@ip-172-31-40-239 test]# cat /root/.ssh/id\_rsa.pub  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDAgEg7VpG1pS1vB43uDJrH0e15tEfAzmw20BdvcTTL50uBYReAeIOkr3uJtqnaSH57E8nPi jnwK15v4a1HvbZrCxnFP60+JHmFleu+t2V9L3tGubjjhgZ/  
g/ftSHOKP9ty9Roav3BVgOzVgS6ndwPvNVOImZKThglZedIthKLPJfCq1xnQY29H921aHwW0YXQmZ3NMwBr0T14Whi2zhjkV8f6rNGRKP01h9w1SLDzqppSVUuQLD/rLXkqSnVwoe3FMqlzssxmqvSEfin75WcX  
4xSYTMTDd1KexolDYBbjhgVFFAkeONhLgngDvGhPNQUoCZX+QKcwcX root@ip-172-31-40-239.ap-southeast-1.compute.internal  
[root@ip-172-31-40-239 test]# git clone git@github.com:abhirupmohapatra/devops.git  
Cloning into 'devops'...  
The authenticity of host 'github.com (20.205.243.166)' can't be established.  
ECDSA key fingerprint is SHA256:p2QAMXN1CITjYMeIOtrVc98/R1BUFWu3/LyKqUfQM.  
ECDSA key fingerprint is MD5:7b:99:81:1e:4c:01:a5:0d:5a:2e:2e:80:13:3f:24:ca.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added 'github.com,20.205.243.166' (ECDSA) to the list of known hosts.  
remote: Enumerating objects: 6, done.  
remote: Counting objects: 100% (6/6), done.  
remote: Compressing objects: 100% (2/2), done.  
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0  
Receiving objects: 100% (6/6), done.  
[root@ip-172-31-40-239 test]# ls  
devops  
[root@ip-172-31-40-239 test]# cd devops/  
[root@ip-172-31-40-239 devops]# ls  
index.html  
[root@ip-172-31-40-239 devops]# cat index.html  
welcome guys to devops  
[root@ip-172-31-40-239 devops]# vi index.html  
[root@ip-172-31-40-239 devops]# git add index.html  
[root@ip-172-31-40-239 devops]# git commit -m "firstcommit"  
[main 77fc6da] firstcommit  
Committer: root <root@ip-172-31-40-239.ap-southeast-1.compute.internal>  
Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.  
You can suppress this message by setting them explicitly. Run the  
following command and follow the instructions in your editor to edit  
your configuration file:  
  
git config --global --edit

Name	All Sessions
Type	Folder
Sub items	1
Host	SSH2
Port	22
Protocol	SSH
User Name	
Description	

Instances | EC2 | ap-southeast-1 | devops/index.html at 591e958 | Jenkins on AWS | test-sit [Jenkins] | 13.229.107.237

github.com/abhirupmohapatra/devops/blob/591e958e53949b70119ecb5e37428c5422997b2d/index.html

abhirupmohapatra / devops

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

591e958

Go to file

index.html

devops / index.html

abhirupmohapatra Update index.html 591e958 · 2 hours ago History

Code Blame 1 lines (1 loc) · 23 Bytes Raw Copy Download Edit View Source

```
1 welcome guys to devops
```

Instances | EC2 | ap-southeast-1 | devops/index.html at 77fc6da | Jenkins on AWS | test-sit [Jenkins] | 13.229.107.237

github.com/abhirupmohapatra/devops/blob/77fc6da19f2c240fc95ca0cacc9c19640869214c/index.html

abhirupmohapatra / devops

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

77fc6da

Go to file

index.html

devops / index.html

root firstcommit 77fc6da · 2 hours ago History

Code Blame 1 lines (1 loc) · 31 Bytes Raw Copy Download Edit View Source

```
1 welcome guys to devops from me
```

jenkins - root@ip-172-31-34-203:/var/lib/jenkins/workspace/test-sit - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer2 jenkins3 anisibe4 websever

All Sessions

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

```
jenkins - root@ip-172-31-34-203:/var/lib/jenkins/workspace/test-sit - Xshell 7 (Free for Home/School)

[ec2-user@ip-172-31-34-203 ~]$ sudo su
[root@ip-172-31-34-203 ec2-user]# cd
[root@ip-172-31-34-203 ~]# sudo yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                               | 3.6 kB  00:00:00
No Match for argument: -y
No packages marked for update
[root@ip-172-31-34-203 ~]# sudo wget -O /etc/yum.repos.d/jenkins.repo \
> https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2024-06-28 19:28:55-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 199.232.46.133, 2a04:4e42:48::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)[199.232.46.133]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

100%[=====] 85 ---K/s in 0s

2024-06-28 19:28:56 (4.47 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[root@ip-172-31-34-203 ~]# sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key
[root@ip-172-31-34-203 ~]# sudo yum upgrade
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
jenkins                                 | 2.9 kB  00:00:00
jenkins/primary_db                     | 50 kB  00:00:00
No packages marked for update
[root@ip-172-31-34-203 ~]# sudo amazon-linux-extras install java-openjdk11 -y
That is not a valid option. Try "help".
[root@ip-172-31-34-203 ~]# sudo dnf install java-17-amazon-corretto -y
sudo: dnf: command not found
[root@ip-172-31-34-203 ~]# sudo amazon-linux-extras install java-openjdk11
Topic java-openjdk11 has end-of-support date of 2024-09-30
Installing java-11-openjdk
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
```

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

```
jenkins - root@ip-172-31-34-203:/var/lib/jenkins/workspace/test-sit - Xshell 7 (Free for Home/School)

[root@ip-172-31-34-203 ~]# sudo yum install jenkins -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package jenkins.noarch 0:2.452.2-1.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

Package Arch Version Repository Size
--
Installing:
jenkins noarch 2.452.2-1.1 jenkins 89 M

Transaction Summary
--
Install 1 Package

Total download size: 89 M
Installed size: 89 M
Downloading packages:
jenkins-2.452.2-1.1.noarch.rpm | 89 MB 00:00:03
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : jenkins-2.452.2-1.1.noarch 1/1
Verifying : jenkins-2.452.2-1.1.noarch 1/1

Installed:
jenkins.noarch 0:2.452.2-1.1

Complete!
[root@ip-172-31-34-203 ~]# sudo systemctl enable jenkins
Created symlink from /etc/systemd/system/multi-user.target.wants/jenkins.service to /usr/lib/systemd/system/jenkins.service.

[root@ip-172-31-34-203 ~]# sudo systemctl enable jenkins
Created symlink from /etc/systemd/system/multi-user.target.wants/jenkins.service to /usr/lib/systemd/system/jenkins.service.
[root@ip-172-31-34-203 ~]# sudo systemctl start jenkins
[root@ip-172-31-34-203 ~]# sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; vendor preset: disabled)
   Active: active (running) since Fri 2024-06-28 19:38:13 UTC; 27s ago
     Main PID: 768 (java)
    CGroup: /system.slice/jenkins.service
            └─768 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=%C/jenkins/war --httpPort=8080

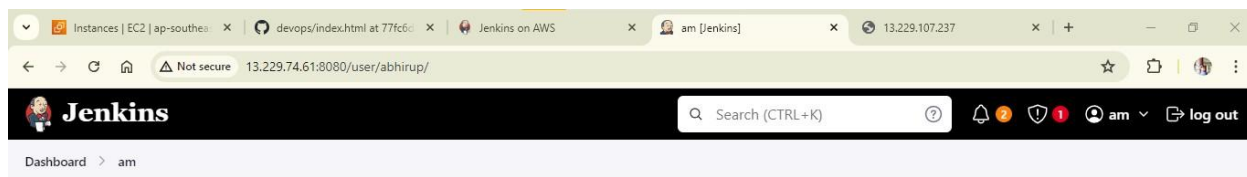
Jun 28 19:37:32 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: 48fe64a54dfd459fb915a2be65753e31
Jun 28 19:37:32 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Jun 28 19:37:32 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: *****
Jun 28 19:37:32 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: *****
Jun 28 19:38:13 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: 2024-06-28 19:38:13.503+0000 [id=31] INFO jenkins.InitReacto...zation
Jun 28 19:38:13 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: 2024-06-28 19:38:13.534+0000 [id=23] INFO hudson.lifecycle.L...unning
Jun 28 19:38:13 ip-172-31-34-203.ap-southeast-1.compute.internal system[1]: Started Jenkins Continuous Integration Server.
Jun 28 19:38:14 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: 2024-06-28 19:38:14.477+0000 [id=46] INFO h.m.DownloadServic...taller
Jun 28 19:38:14 ip-172-31-34-203.ap-southeast-1.compute.internal jenkins[768]: 2024-06-28 19:38:14.478+0000 [id=46] INFO hudson.util.Retrie...mpt #1
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-34-203 ~]# cat /var/lib/jenkins/secrets/initialAdminPassword
```

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22

SSH2 xterm 16x236 36,35 4 sessions CAP NUM





REST API Jenkins 2.452.2

ansible - root@ip-172-31-37-156 ~ - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-18-141-233-63.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 ansible 4 websever

https://aws.amazon.com/linux/amazon-linux-2023/

1 All Sessions

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

```
[ec2-user@ip-172-31-37-156 ~]$ sudo su
[root@ip-172-31-37-156 ec2-user]# cd
[root@ip-172-31-37-156 ~]# sudo amazon-linux-extras install ansible2
Topic ansible2 has end-of-support date of 2023-09-30
Installing ansible
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Cleaning repos: amzn2-core amzn2extra-ansible2 amzn2extra-docker amzn2extra-kernel-5.10
17 metadata files removed
6 sqlite files removed
0 metadata files removed
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.6 kB 00:00:00
amzn2extra-ansible2 | 2.9 kB 00:00:00
amzn2extra-docker | 2.9 kB 00:00:00
amzn2extra-kernel-5.10 | 3.0 kB 00:00:00
(1/9): amzn2-core/2/x86_64/group_gz | 2.7 kB 00:00:00
(2/9): amzn2-core/2/x86_64/updateinfo | 940 kB 00:00:00
(3/9): amzn2extra-docker/2/x86_64/primary_db | 102 kB 00:00:00
(4/9): amzn2extra-kernel-5.10/2/x86_64/updateinfo | 69 kB 00:00:00
(5/9): amzn2extra-ansible2/2/x86_64/primary_db | 37 kB 00:00:00
(6/9): amzn2extra-ansible2/2/x86_64/updateinfo | 4.7 kB 00:00:00
(7/9): amzn2extra-docker/2/x86_64/updateinfo | 16 kB 00:00:00
(8/9): amzn2extra-kernel-5.10/2/x86_64/primary_db | 27 MB 00:00:00
(9/9): amzn2-core/2/x86_64/primary_db | 69 MB 00:00:01
Resolving Dependencies
--> Running transaction check
--> Package ansible.noarch 0:2.9.23-1.amzn2 will be installed
--> Processing Dependency: python-crypto for package: ansible-2.9.23-1.amzn2.noarch
--> Processing Dependency: python-httplib2 for package: ansible-2.9.23-1.amzn2.noarch
--> Processing Dependency: python-keyczar for package: ansible-2.9.23-1.amzn2.noarch
--> Processing Dependency: python-paramiko for package: ansible-2.9.23-1.amzn2.noarch
--> Processing Dependency: sshpass for package: ansible-2.9.23-1.amzn2.noarch
--> Running transaction check
--> Package python-keyczar.noarch 0:0.71c-2.amzn2 will be installed
```

ssh://ec2-user@ec2-18-141-233-63.ap-southeast-1.compute.amazonaws.com:22 SSH2 xterm 162x36 36,28 4 sessions CAP NUM

webserver - root@ip-172-31-33-168:/var/www/html - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-13-229-107-237.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 anisble 4 webserver

All Sessions

NameAll Sessions

TypeFolder

Sub items1

Host

Port22

ProtocolSSH

User Name

Description

PackageArchVersionRepositorySize

Installing:  
httpd  
x86\_642.4.59-1.amzn2  
amzn2-core1.4 M

ssh://ec2-user@ec2-13-229-107-237.ap-southeast-1.compute.amazonaws.com:22SSH2xterm162x3636,314 sessionsCAP NUM

webserver - root@ip-172-31-33-168:/var/www/html - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-13-229-107-237.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 anisble 4 webserver

All Sessions

NameAll Sessions

TypeFolder

Sub items1

Host

Port22

ProtocolSSH

User Name

Description

Verifying : apr-util-bdb-1.6.3-1.amzn2.0.1.x86\_642/9

Verifying : httpd-2.4.59-1.amzn2.x86\_643/9

Verifying : apr-1.7.2-1.amzn2.x86\_644/9

Verifying : httpd filesystem-2.4.59-1.amzn2.noarch5/9

Verifying : mod\_http2-1.15.19-1.amzn2.0.2.x86\_646/9

Verifying : apr-util-1.6.3-1.amzn2.0.1.x86\_647/9

Verifying : mailcap-2.1.41-2.amzn2.noarch8/9

Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch9/9

Installed:  
httpd.x86\_64 0:2.4.59-1.amzn2

Dependency Installed:  
apr.x86\_64 0:1.7.2-1.amzn2  
generic-logos-httpd.noarch 0:18.0.0-4.amzn2  
mailcap.noarch 0:2.1.41-2.amzn2  
apr-util.x86\_64 0:1.6.3-1.amzn2.0.1  
httpd filesystem.noarch 0:2.4.59-1.amzn2  
httpd-tools.x86\_64 0:2.4.59-1.amzn2  
mod\_http2.x86\_64 0:1.15.19-1.amzn2.0.2

Complete!  
[root@ip-172-31-33-168 ~]# systemctl start httpd  
[root@ip-172-31-33-168 ~]# systemctl enable httpd  
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.  
[root@ip-172-31-33-168 ~]# sudo passwd root  
Changing password for user root.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
Sorry, passwords do not match.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@ip-172-31-33-168 ~]# vi /etc/ssh/sshd\_config  
[root@ip-172-31-33-168 ~]# systemctl restart sshd  
[root@ip-172-31-33-168 ~]# cd /var/www/html  
[root@ip-172-31-33-168 html]# ls  
[root@ip-172-31-33-168 html]# vi /etc/ssh/sshd\_config

ssh://ec2-user@ec2-13-229-107-237.ap-southeast-1.compute.amazonaws.com:22SSH2xterm162x3636,314 sessionsCAP NUM



jenkins - root@ip-172-31-34-203:/var/lib/jenkins/workspace/test-sit - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 ansible 4 webserver

All Sessions

[root@ip-172-31-34-203 ~]# passwd root

New password:

BAO PASSWORD: The password is shorter than 8 characters

Retype new password:

passwd: all authentication tokens updated successfully.

[root@ip-172-31-34-203 ~]# vi /etc/ssh/sshd\_config

[root@ip-172-31-34-203 ~]# systemctl restart sshd

[root@ip-172-31-34-203 ~]# yum install git -y

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

amzn2-core

Resolving Dependencies

--> Running transaction check

--> Package git.x86\_64 0:2.40.1-1.amzn2.0.3 will be installed

--> Processing Dependency: git-core = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Processing Dependency: git-core-doc = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Processing Dependency: perl-Git = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Processing Dependency: perl(Term::ReadKey) for package: git-2.40.1-1.amzn2.0.3.x86\_64

--> Running transaction check

--> Package git-core.x86\_64 0:2.40.1-1.amzn2.0.3 will be installed

--> Package git-core-doc.noarch 0:2.40.1-1.amzn2.0.3 will be installed

--> Package perl-Git.noarch 0:2.40.1-1.amzn2.0.3 will be installed

--> Processing Dependency: perl(Error) for package: perl-Git-2.40.1-1.amzn2.0.3.noarch

--> Package perl-TermReadKey.x86\_64 0:2.30-20.amzn2.0.2 will be installed

--> Running transaction check

--> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

Package Arch Version Repository Size

Installing:

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22 SSH2 xterm 162x36 36,35 4 sessions CAP NUM

jenkins - root@ip-172-31-34-203:/var/lib/jenkins/workspace/test-sit - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 ansible 4 webserver

All Sessions

(4/6): perl-Error-0.17020-2.amzn2.noarch.rpm | 32 kB 00:00:00

(5/6): perl-Git-2.40.1-1.amzn2.0.3.noarch.rpm | 42 kB 00:00:00

(6/6): perl-TermReadKey-2.30-20.amzn2.0.2.x86\_64.rpm | 31 kB 00:00:00

.....

Total | 31 MB/s | 13 MB 00:00:00

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : git-core-2.40.1-1.amzn2.0.3.x86\_64 1/6

Installing : git-core-doc-2.40.1-1.amzn2.0.3.noarch 2/6

Installing : perl-Error-0.17020-2.amzn2.noarch 3/6

Installing : perl-TermReadKey-2.30-20.amzn2.0.2.x86\_64 4/6

Installing : perl-Git-2.40.1-1.amzn2.0.3.noarch 5/6

Installing : git-2.40.1-1.amzn2.0.3.x86\_64 6/6

Verifying : perl-TermReadKey-2.30-20.amzn2.0.2.x86\_64 1/6

Verifying : git-2.40.1-1.amzn2.0.3.x86\_64 2/6

Verifying : perl-Error-0.17020-2.amzn2.noarch 3/6

Verifying : git-core-2.40.1-1.amzn2.0.3.x86\_64 4/6

Verifying : git-core-doc-2.40.1-1.amzn2.0.3.noarch 5/6

Verifying : perl-Git-2.40.1-1.amzn2.0.3.noarch 6/6

Installed:

git.x86\_64 0:2.40.1-1.amzn2.0.3

Dependency Installed:

git-core.x86\_64 0:2.40.1-1.amzn2.0.3 git-core-doc.noarch 0:2.40.1-1.amzn2.0.3 perl-Error.noarch 1:0.17020-2.amzn2 perl-Git.noarch 0:2.40.1-1.amzn2.0.3

perl-TermReadKey.x86\_64 0:2.30-20.amzn2.0.2

Complete!

[root@ip-172-31-34-203 ~]# cd /var/lib/jenkins/workspace/test-sit

[root@ip-172-31-34-203 test-sit]# ls

index.html

[root@ip-172-31-34-203 test-sit]# cat index.html

welcome guys to devops from me

[root@ip-172-31-34-203 test-sit]#

ssh://ec2-user@ec2-13-229-74-61.ap-southeast-1.compute.amazonaws.com:22 SSH2 xterm 162x36 36,35 4 sessions CAP NUM

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	



Instances | EC2 | ap-southeast-1 | devops/index.html at 77fc6c | Jenkins on AWS | test-sit Config [Jenkins] | 13.229.107.237

Not secure 13.229.74.61:8080/job/test-sit/configure

Dashboard > test-sit > Configuration

### Configure

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

#### Source Code Management

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/abhirupmohapatra/devops.git

Credentials ?

- none -

+ Add

Advanced

Save Apply

Instances | EC2 | ap-southeast-1 | devops/index.html at 77fc6c | Jenkins on AWS | test-sit Config [Jenkins] | 13.229.107.237

Not secure 13.229.74.61:8080/job/test-sit/configure

Dashboard > test-sit > Configuration

### Configure

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

#### 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 ?

#### Build Environment

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

☐ Send files or execute commands over SSH before the build starts ?

☐ Send files or execute commands over SSH after the build runs ?

☐ Add timestamps to the Console Output

Save Apply

Instances | EC2 | ap-southeast-1 | devops/index.html at 77f6c | Jenkins on AWS | test-sit Config [Jenkins] | 13.229.107.237

← → ↻ 🏠 ⚠ Not secure 13.229.74.61:8080/job/test-sit/configure ☆ 🗑 🧑

Dashboard > test-sit > Configuration

## Configure

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

### Build Steps

Send files or execute commands over SSH ?

SSH Publishers

SSH Server

Name ?

jenkins

Advanced ▾ Edited

Transfers

Transfer Set

Source files ?

Save Apply

Instances | EC2 | ap-southeast-1 | devops/index.html at 77f6c | Jenkins on AWS | test-sit Config [Jenkins] | 13.229.107.237

← → ↻ 🏠 ⚠ Not secure 13.229.74.61:8080/job/test-sit/configure ☆ 🗑 🧑

Dashboard > test-sit > Configuration

## Configure

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

Transfer Set

Source files ?

Remove prefix ?

Remote directory ?

Exec command ?

rsync -avh /var/lib/jenkins/workspace/test-sit/index.html root@172.31.37.156:/opt/index.html

All of the transfer fields (except for Exec timeout) support substitution of [Jenkins environment variables](#)

Advanced ▾

Save Apply

Instances | EC2 | ap-southea... x devops/index.html at 77fc6d... x Jenkins on AWS x test-sit Config [Jenkins] x 13.229.107.237 x + -

← → ↻ ⌂ ⚠ Not secure 13.229.74.61:8080/job/test-sit/configure ☆ ⌵

Dashboard > test-sit > Configuration

## Configure

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

### Post-build Actions

#### Send build artifacts over SSH ?

SSH Publishers

##### SSH Server

Name ?

ansible

Advanced ▾ Edited

Transfers

##### Transfer Set

Source files ?

Save Apply

Instances | EC2 | ap-southea... x devops/index.html at 77fc6d... x Jenkins on AWS x test-sit Config [Jenkins] x 13.229.107.237 x + -

← → ↻ ⌂ ⚠ Not secure 13.229.74.61:8080/job/test-sit/configure ☆ ⌵

Dashboard > test-sit > Configuration

## Configure

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

Advanced ▾ Edited

Transfers

##### Transfer Set

Source files ?

Remove prefix ?

Remote directory ?

Exec command ?

ansible-playbook /src/code/playbook.yml

Save Apply

anishle - root@ip-172-31-37-156: ~ - Xshell 7 (Free Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-18-141-233-63.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 anishle 4 websever

All Sessions

```
[root@ip-172-31-37-156 opt]# cd
[root@ip-172-31-37-156 ~]# mkdir /srccode
[root@ip-172-31-37-156 ~]# cd /srccode/
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# cd
[root@ip-172-31-37-156 ~]# cd /opt
[root@ip-172-31-37-156 opt]# ls
aws rh
[root@ip-172-31-37-156 opt]# vi playbook.yml
[root@ip-172-31-37-156 opt]# ls
aws rh
[root@ip-172-31-37-156 opt]# cd /srccode/
[root@ip-172-31-37-156 srccode]# ls
playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# cd /opt
[root@ip-172-31-37-156 opt]# ls
aws index.html rh
[root@ip-172-31-37-156 opt]# cd /srccode/
[root@ip-172-31-37-156 srccode]# vi playbook.yml
[root@ip-172-31-37-156 srccode]# cd
[root@ip-172-31-37-156 ~]# ssh-copy-id root@172.31.33.168
/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@172.31.33.168's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@172.31.33.168'"
```

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

The screenshot shows a terminal window with the following content:

Terminal Title: ansible - root@ip-172-31-37-156/src/code - Xshell 7 (Free for Home/School)

Terminal Menu: File Edit View Tools Tab Window Help

Terminal Address Bar: ssh://ec2-user@ec2-18-141-233-63.ap-southeast-1.compute.amazonaws.com:22

Terminal Message: To add the current session, click on the left arrow button.

Terminal Tab Bar: Session Manager (1 developer, 2 jenkins, 4 ansible, 4 webserver)

Terminal Content:

```

- hosts: all
  tasks:
    - copy:
      src: /opt/index.html
      dest: /var/www/html
  
```

Terminal Session Manager (Left Panel):

Name	All Sessions
Type	Folder
Sub items	1
Host	
Port	22
Protocol	SSH
User Name	
Description	

Terminal Footer: ssh://ec2-user@ec2-18-141-233-63.ap-southeast-1.compute.amazonaws.com:22

Terminal Status Bar: SSH2 xterm 162x36 5,8 4 sessions CAP NUM



developer - root@ip-172-31-40-239:~/test/devops - Xshell 7 (Free for Home/School)

File Edit View Tools Tab Window Help

ssh://ec2-user@ec2-54-255-146-127.ap-southeast-1.compute.amazonaws.com:22

To add the current session, click on the left arrow button.

Session Manager

1 developer 2 jenkins 3 anisble 4 webserver

All Sessions

```
Writing objects: 100% (3/3), 290 bytes | 290.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:abhirupmohapatra/devops.git
  59|e958..77fc6da  main -> main
branch 'main' set up to track 'origin/main'.
[root@ip-172-31-40-239 devops]# ls
index.html
[root@ip-172-31-40-239 devops]# vi index.html
[root@ip-172-31-40-239 devops]# git add index.html
[root@ip-172-31-40-239 devops]# git commit -m "final commit"
[main adcc54b] final commit
Committer: root <root@ip-172-31-40-239.ap-southeast-1.compute.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+), 1 deletion(-)
[root@ip-172-31-40-239 devops]# git branch -M main
[root@ip-172-31-40-239 devops]# git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 307 bytes | 307.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:abhirupmohapatra/devops.git
  77fc6da..adcc54b  main -> main
branch 'main' set up to track 'origin/main'.
[root@ip-172-31-40-239 devops]#
```

ssh://ec2-user@ec2-54-255-146-127.ap-southeast-1.compute.amazonaws.com:22

Instances | EC2 | ap-southea... x devops/index.html at adcc54b x Jenkins on AWS x test-sit Config [Jenkins] x 13.229.107.237 x + - CAP NUM

github.com/abhirupmohapatra/devops/blob/adcc54bb85adc0fe22baed564069b583cc6a3c10/index.html

abhirupmohapatra / devops

Type to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

adcc54b

Go to file

index.html

devops / index.html

root final commit adcc54b · 31 minutes ago History

Code Blame 1 lines (1 loc) · 50 Bytes Raw

```
1 welcome guys to devops from me done automation :)
```

