TASK 1: HOW TO INSTALL JENKINS

**How to install Jenkins**

Clone repository

kins.git: command not found

ubuntu@ip-172-31-42-189:~$ git clone https://github.com/AnjuMeleth/DevOpsMasterJenkins.git

Cloning into 'DevOpsMasterJenkins'...

remote: Enumerating objects: 28, done.

remote: Counting objects: 100% (28/28), done.

remote: Compressing objects: 100% (17/17), done.

remote: Total 28 (delta 5), reused 22 (delta 2), pack-reused 0

Unpacking objects: 100% (28/28), done.

ubuntu@ip-172-31-42-189:~$

guhan@LAPTOP-V8JK9MGG MINGW64 ~ (master)

$ cd C:

guhan@LAPTOP-V8JK9MGG MINGW64 /c

$ cd Users

guhan@LAPTOP-V8JK9MGG MINGW64 /c/Users

$ cd guhan/Jenkins

guhan@LAPTOP-V8JK9MGG MINGW64 ~/Jenkins (master)

$ ls

guhanserver.pem

guhan@LAPTOP-V8JK9MGG MINGW64 ~/Jenkins (master)

$ ssh -i "guhanserver.pem" ubuntu@ec2-13-127-39-22.ap-south-1.compute.amazonaws.com

load pubkey "guhanserver.pem": invalid format

The authenticity of host 'ec2-13-127-39-22.ap-south-1.compute.amazonaws.com (13.127.39.22)' can't be established.

ECDSA key fingerprint is SHA256:0v92Lcoo6enuLNlL6sZLQXh4naUf64PLrcni2+pAz5c.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'ec2-13-127-39-22.ap-south-1.compute.amazonaws.com,13.127.39.22' (ECDSA) to the list of known hosts.

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.3.0-1035-aws x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

System information as of Mon Oct 26 23:33:42 UTC 2020

System load: 0.0 Processes: 112

Usage of /: 14.4% of 7.69GB Users logged in: 0

Memory usage: 1% IP address for eth0: 172.31.42.189

Swap usage: 0%

0 packages can be updated.

0 updates are security updates.

The programs included with the Ubuntu system are free software;

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/\*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by

applicable law.

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo\_root" for details.

ubuntu@ip-172-31-42-189:~$ sudo vi /etc/ssh/sshd\_config

ubuntu@ip-172-31-42-189:~$ sudo service ssh restart

ubuntu@ip-172-31-42-189:~$ exit

logout

Connection to ec2-13-127-39-22.ap-south-1.compute.amazonaws.com closed.

guhan@LAPTOP-V8JK9MGG MINGW64 ~/Jenkins (master)

$ ssh -i "guhanserver.pem" ubuntu@ec2-13-127-39-22.ap-south-1.compute.amazonaws.com

load pubkey "guhanserver.pem": invalid format

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.3.0-1035-aws x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

System information as of Mon Oct 26 23:49:28 UTC 2020

System load: 0.0 Processes: 114

Usage of /: 14.6% of 7.69GB Users logged in: 0

Memory usage: 1% IP address for eth0: 172.31.42.189

Swap usage: 0%

0 packages can be updated.

0 updates are security updates.

New release '20.04.1 LTS' available.

Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Oct 26 23:33:44 2020 from 117.98.223.192

ubuntu@ip-172-31-42-189:~$ git clone

fatal: You must specify a repository to clone.

usage: git clone [<options>] [--] <repo> [<dir>]

-v, --verbose be more verbose

-q, --quiet be more quiet

--progress force progress reporting

-n, --no-checkout don't create a checkout

--bare create a bare repository

--mirror create a mirror repository (implies bare)

-l, --local to clone from a local repository

--no-hardlinks don't use local hardlinks, always copy

-s, --shared setup as shared repository

--recurse-submodules[=<pathspec>]

initialize submodules in the clone

-j, --jobs <n> number of submodules cloned in parallel

--template <template-directory>

directory from which templates will be used

--reference <repo> reference repository

--reference-if-able <repo>

reference repository

--dissociate use --reference only while cloning

-o, --origin <name> use <name> instead of 'origin' to track upstream

-b, --branch <branch>

checkout <branch> instead of the remote's HEAD

-u, --upload-pack <path>

path to git-upload-pack on the remote

--depth <depth> create a shallow clone of that depth

--shallow-since <time>

create a shallow clone since a specific time

--shallow-exclude <revision>

deepen history of shallow clone, excluding rev

--single-branch clone only one branch, HEAD or --branch

--no-tags don't clone any tags, and make later fetches not to follow them

--shallow-submodules any cloned submodules will be shallow

--separate-git-dir <gitdir>

separate git dir from working tree

-c, --config <key=value>

set config inside the new repository

-4, --ipv4 use IPv4 addresses only

-6, --ipv6 use IPv6 addresses only

--filter <args> object filtering

ubuntu@ip-172-31-42-189:~$ https://github.co

-bash: https://github.co: No such file or directory

ubuntu@ip-172-31-42-189:~$ m/AnjuMeleth/D

-bash: m/AnjuMeleth/D: No such file or directory

ubuntu@ip-172-31-42-189:~$ evOpsMasterJen

kins.gitevOpsMasterJen: command not found

ubuntu@ip-172-31-42-189:~$ kins.git

kins.git: command not found

ubuntu@ip-172-31-42-189:~$ git clone https://github.co

Cloning into 'github.co'...

evOpsMasterJen

kins.gitfatal: unable to update url base from redirection:

asked for: https://github.co/info/refs?service=git-upload-pack

redirect: https://github.com/

ubuntu@ip-172-31-42-189:~$ m/AnjuMeleth/D

-bash: m/AnjuMeleth/D: No such file or directory

ubuntu@ip-172-31-42-189:~$ evOpsMasterJen

evOpsMasterJen: command not found

ubuntu@ip-172-31-42-189:~$ kins.git

kins.git: command not found

ubuntu@ip-172-31-42-189:~$ git clone https://github.com/AnjuMeleth/DevOpsMasterJenkins.git

Cloning into 'DevOpsMasterJenkins'...

remote: Enumerating objects: 28, done.

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remote: Total 28 (delta 5), reused 22 (delta 2), pack-reused 0

Unpacking objects: 100% (28/28), done.

ubuntu@ip-172-31-42-189:~$ cd DevOpsMasterJenkins

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins$ ls

DeclarativeHelloWorld README.md ScriptedPetClinic

DeclarativePetClinic ScriptedHelloWorld installation

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins$ cd installation

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins/installation$ ls

code

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins/installation$ cd code

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins/installation/code$ ls

JenkinsInstall.sh

ubuntu@ip-172-31-42-189:~/DevOpsMasterJenkins/installation/code$ sh JenkinsInstall.sh

Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic InRelease [242 kB]

Get:2 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]

Get:3 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [1397 kB]

Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]

Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]

Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages [8570 kB]

Get:7 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [276 kB]

Get:8 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packages [165 kB]

Get:9 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation-en [21.9 kB]

Get:10 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [1078 kB]

Get:11 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [241 kB]

Get:12 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages [12.9 kB]

Get:13 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en [2964 B]

Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/universe Translation-en [4941 kB]

Get:15 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse amd64 Packages [151 kB]

Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse Translation-en [108 kB]

Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [1725 kB]

Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main Translation-en [367 kB]

Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted amd64 Packages [184 kB]

Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted Translation-en [24.6 kB]

Get:21 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 Packages [1680 kB]

Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe Translation-en [353 kB]

Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Packages [31.9 kB]

Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translation-en [6980 B]

Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packages [10.0 kB]

Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]

Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Packages [10.3 kB]

Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe Translation-en [4588 B]

Fetched 21.9 MB in 25s (870 kB/s)

Reading package lists... Done

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

at-spi2-core ca-certificates-java default-jdk-headless default-jre default-jre-headless fontconfig-config fonts-dejavu-core fonts-dejavu-extra java-common libasound2 libasound2-data libatk-bridge2.0-0

libatk-wrapper-java libatk-wrapper-java-jni libatk1.0-0 libatk1.0-data libatspi2.0-0 libavahi-client3 libavahi-common-data libavahi-common3 libcups2 libdrm-amdgpu1 libdrm-intel1 libdrm-nouveau2

libdrm-radeon1 libfontconfig1 libfontenc1 libgif7 libgl1 libgl1-mesa-dri libglapi-mesa libglvnd0 libglx-mesa0 libglx0 libice-dev libice6 libjpeg-turbo8 libjpeg8 liblcms2-2 libllvm10 libnspr4 libnss3

libpciaccess0 libpcsclite1 libpthread-stubs0-dev libsensors4 libsm-dev libsm6 libx11-dev libx11-doc libx11-xcb1 libxau-dev libxaw7 libxcb-dri2-0 libxcb-dri3-0 libxcb-glx0 libxcb-present0 libxcb-shape0

libxcb-sync1 libxcb1-dev libxcomposite1 libxdamage1 libxdmcp-dev libxfixes3 libxft2 libxi6 libxinerama1 libxmu6 libxpm4 libxrandr2 libxrender1 libxshmfence1 libxt-dev libxt6 libxtst6 libxv1 libxxf86dga1

libxxf86vm1 openjdk-11-jdk openjdk-11-jdk-headless openjdk-11-jre openjdk-11-jre-headless x11-common x11-utils x11proto-core-dev x11proto-dev xorg-sgml-doctools xtrans-dev

Suggested packages:

libasound2-plugins alsa-utils cups-common libice-doc liblcms2-utils pcscd lm-sensors libsm-doc libxcb-doc libxt-doc openjdk-11-demo openjdk-11-source visualvm libnss-mdns fonts-ipafont-gothic

fonts-ipafont-mincho fonts-wqy-microhei | fonts-wqy-zenhei fonts-indic mesa-utils

The following NEW packages will be installed:

at-spi2-core ca-certificates-java default-jdk default-jdk-headless default-jre default-jre-headless fontconfig-config fonts-dejavu-core fonts-dejavu-extra java-common libasound2 libasound2-data

libatk-bridge2.0-0 libatk-wrapper-java libatk-wrapper-java-jni libatk1.0-0 libatk1.0-data libatspi2.0-0 libavahi-client3 libavahi-common-data libavahi-common3 libcups2 libdrm-amdgpu1 libdrm-intel1

libdrm-nouveau2 libdrm-radeon1 libfontconfig1 libfontenc1 libgif7 libgl1 libgl1-mesa-dri libglapi-mesa libglvnd0 libglx-mesa0 libglx0 libice-dev libice6 libjpeg-turbo8 libjpeg8 liblcms2-2 libllvm10 libnspr4

libnss3 libpciaccess0 libpcsclite1 libpthread-stubs0-dev libsensors4 libsm-dev libsm6 libx11-dev libx11-doc libx11-xcb1 libxau-dev libxaw7 libxcb-dri2-0 libxcb-dri3-0 libxcb-glx0 libxcb-present0

libxcb-shape0 libxcb-sync1 libxcb1-dev libxcomposite1 libxdamage1 libxdmcp-dev libxfixes3 libxft2 libxi6 libxinerama1 libxmu6 libxpm4 libxrandr2 libxrender1 libxshmfence1 libxt-dev libxt6 libxtst6 libxv1

libxxf86dga1 libxxf86vm1 openjdk-11-jdk openjdk-11-jdk-headless openjdk-11-jre openjdk-11-jre-headless x11-common x11-utils x11proto-core-dev x11proto-dev xorg-sgml-doctools xtrans-dev

0 upgraded, 89 newly installed, 0 to remove and 57 not upgraded.

Need to get 269 MB of archives.

After this operation, 744 MB of additional disk space will be used.

Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libjpeg-turbo8 amd64 1.5.2-0ubuntu5.18.04.4 [110 kB]

Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 x11-common all 1:7.7+19ubuntu7.1 [22.5 kB]

Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libice6 amd64 2:1.0.9-2 [40.2 kB]

Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libsm6 amd64 2:1.2.2-1 [15.8 kB]

Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 fonts-dejavu-core all 2.37-1 [1041 kB]

Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 fontconfig-config all 2.12.6-0ubuntu2 [55.8 kB]

Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libfontconfig1 amd64 2.12.6-0ubuntu2 [137 kB]

Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxrender1 amd64 1:0.9.10-1 [18.7 kB]

Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxft2 amd64 2.3.2-1 [36.1 kB]

Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxinerama1 amd64 2:1.1.3-1 [7908 B]

Get:11 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxxf86dga1 amd64 2:1.1.4-1 [13.7 kB]

Get:12 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxxf86vm1 amd64 1:1.1.4-1 [10.6 kB]

Get:13 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libatspi2.0-0 amd64 2.28.0-1 [59.6 kB]

Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxtst6 amd64 2:1.2.3-1 [12.8 kB]

Get:15 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 at-spi2-core amd64 2.28.0-1 [47.9 kB]

Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 java-common all 0.68ubuntu1~18.04.1 [14.5 kB]

Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libavahi-common-data amd64 0.7-3.1ubuntu1.2 [22.1 kB]

Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libavahi-common3 amd64 0.7-3.1ubuntu1.2 [21.6 kB]

Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libavahi-client3 amd64 0.7-3.1ubuntu1.2 [25.2 kB]

Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libcups2 amd64 2.2.7-1ubuntu2.8 [211 kB]

Get:21 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 liblcms2-2 amd64 2.9-1ubuntu0.1 [139 kB]

Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libjpeg8 amd64 8c-2ubuntu8 [2194 B]

Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libnspr4 amd64 2:4.18-1ubuntu1 [112 kB]

Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libnss3 amd64 2:3.35-2ubuntu2.12 [1220 kB]

Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libasound2-data all 1.1.3-5ubuntu0.5 [38.7 kB]

Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libasound2 amd64 1.1.3-5ubuntu0.5 [360 kB]

Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libpcsclite1 amd64 1.8.23-1 [21.3 kB]

Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libxi6 amd64 2:1.7.9-1 [29.2 kB]

Get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 openjdk-11-jre-headless amd64 11.0.8+10-0ubuntu1~18.04.1 [37.6 MB]

11% [29 openjdk-11-jre-headless 10.7 MB/37.6 MB 29%]