Connect to instance Info

Connect to your instance i-06eaea4ee421f8269 (david) using any of these options

| EC2 Instance Connect | Session Manager | **SSH client** | EC2 serial console |

Instance ID

📋 i-06eaea4ee421f8269 (david)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is jenkins_key.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
   📋 chmod 400 "jenkins_key.pem"
4. Connect to your instance using its Public DNS:
   📋 ec2-54-234-231-132.compute-1.amazonaws.com

Example:

📋 ssh -i "jenkins_key.pem" ubuntu@ec2-54-234-231-132.compute-1.amazonaws.com

ⓘ **Note:** In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel

```
deeeye@Dees-MBP key % ssh -i "jenkins_key.pem" ubuntu@ec2-54-234-231-132.compute-1.amazonaws.com
The authenticity of host 'ec2-54-234-231-132.compute-1.amazonaws.com (54.234.231.132)' can't be established.
ED25519 key fingerprint is SHA256:MASN0JD3oBOhfRImW95Un4LUz/2aG7ybvgEXDQUhQqw.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-234-231-132.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.5.0-1024-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Tue Jan 28 18:36:57 UTC 2025

  System load:  0.19               Processes:             105
  Usage of /:   20.9% of 7.57GB    Users logged in:       0
  Memory usage: 21%                IPv4 address for eth0: 172.31.16.159
  Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


The list of available updates is more than a week old.
To check for new updates run: sudo apt update


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-172-31-16-159:~$ sudo -i
root@ip-172-31-16-159:~#
```

```
root@ip-172-31-16-159:~# apt-get update  ⟵━━━━━
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:6 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [2073 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [324 kB]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [13.3 kB]
Get:10 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [2831 kB]
Get:11 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [495 kB]
Get:12 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [580 B]
Get:13 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [961 kB]
Get:14 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [205 kB]
Get:15 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [19.5 kB]
Get:16 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.6 kB]
Get:17 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [8260 B]
Get:18 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [224 B]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [2311 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [386 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [17.9 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [2940 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [514 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [612 B]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1183 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [290 kB]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [26.4 kB]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [44.5 kB]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [11.5 kB]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [440 B]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.7 kB]
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.1 kB]
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [30.0 kB]
Get:40 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.6 kB]
Get:41 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [672 B]
Get:42 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Fetched 35.6 MB in 6s (5549 kB/s)
Reading package lists... Done

root@ip-172-31-16-159:~# apt install git  ⟵━━━━━
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  git-daemon-run | git-daemon-sysvinit git-doc git-email git-gui gitk gitweb git-cvs git-mediawiki git-svn
The following packages will be upgraded:
  git
1 upgraded, 0 newly installed, 0 to remove and 77 not upgraded.
Need to get 3165 kB of archives.
After this operation, 4096 B of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 git amd64 1:2.34.1-1ubuntu1.12 [3165 kB]
Fetched 3165 kB in 0s (20.4 MB/s)
(Reading database ... 65331 files and directories currently installed.)
Preparing to unpack .../git_1%3a2.34.1-1ubuntu1.12_amd64.deb ...
Unpacking git (1:2.34.1-1ubuntu1.12) over (1:2.34.1-1ubuntu1.11) ...
Setting up git (1:2.34.1-1ubuntu1.12) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-16-159:~# ▏
```

```
root@ip-172-31-16-159:~# apt install python3-pip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  build-essential bzip2 cpp cpp-11 dpkg-dev fakeroot fontconfig-config fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base javascript-common
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatomic1 libc-dev-bin libc-devtools libc6-dev libcc1-0
  libcrypt-dev libdeflate0 libdpkg-perl libexpat1 libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgcc-11-dev libgd3 libgomp1
  libisl23 libitm1 libjbig0 libjpeg-turbo8 libjpeg8 libjs-jquery libjs-sphinxdoc libjs-underscore liblsan0 libmpc3 libnsl-dev libpython3-dev
  libpython3.10 libpython3.10-dev libpython3.10-minimal libpython3.10-stdlib libquadmath0 libstdc++-11-dev libtiff5 libtirpc-dev libtsan0 libubsan1
  libwebp7 libxpm4 linux-libc-dev lto-disabled-list make manpages-dev python3-dev python3-wheel python3.10 python3.10-dev python3.10-minimal
  rpcsvc-proto zlib1g-dev
Suggested packages:
  bzip2-doc cpp-doc gcc-11-locales debian-keyring g++-multilib g++-11-multilib gcc-11-doc gcc-multilib autoconf automake libtool flex bison gdb
  gcc-doc gcc-11-multilib apache2 | lighttpd | httpd glibc-doc bzr libgd-tools libstdc++-11-doc make-doc python3.10-venv python3.10-doc
  binfmt-support
The following NEW packages will be installed:
  build-essential bzip2 cpp cpp-11 dpkg-dev fakeroot fontconfig-config fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base javascript-common
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatomic1 libc-dev-bin libc-devtools libc6-dev libcc1-0
  libcrypt-dev libdeflate0 libdpkg-perl libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgcc-11-dev libgd3 libgomp1 libisl23
  libitm1 libjbig0 libjpeg-turbo8 libjpeg8 libjs-jquery libjs-sphinxdoc libjs-underscore liblsan0 libmpc3 libnsl-dev libpython3-dev
  libpython3.10-dev libquadmath0 libstdc++-11-dev libtiff5 libtirpc-dev libtsan0 libubsan1 libwebp7 libxpm4 linux-libc-dev lto-disabled-list make
  manpages-dev python3-dev python3-pip python3-wheel python3.10-dev rpcsvc-proto zlib1g-dev
The following packages will be upgraded:
  libexpat1 libpython3.10 libpython3.10-minimal libpython3.10-stdlib python3.10 python3.10-minimal
6 upgraded, 64 newly installed, 0 to remove and 71 not upgraded.
Need to get 78.8 MB of archives.
After this operation, 239 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

```
root@ip-172-31-16-159:~# cd dob-cli
root@ip-172-31-16-159:~/dob-cli# ls
README.md  dob-cli-0.1.tar.gz  dob_cli-0.1-py3-none-any.whl
root@ip-172-31-16-159:~/dob-cli# pip install dob_cli-0.1-py3-none-any.whl
Processing ./dob_cli-0.1-py3-none-any.whl
Collecting click==8.1.0
  Downloading click-8.1.0-py3-none-any.whl (96 kB)
                            96.4/96.4 KB 837.0 kB/s eta 0:00:00
Collecting requests==2.28.2
  Downloading requests-2.28.2-py3-none-any.whl (62 kB)
                            62.8/62.8 KB 9.3 MB/s eta 0:00:00
Collecting cryptography==39.0.0
  Downloading cryptography-39.0.0-cp36-abi3-manylinux_2_28_x86_64.whl (4.2 MB)
                            4.2/4.2 MB 31.1 MB/s eta 0:00:00
Collecting cffi>=1.12
  Downloading cffi-1.17.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (446 kB)
                            446.2/446.2 KB 4.8 MB/s eta 0:00:00
Requirement already satisfied: idna<4,>=2.5 in /usr/lib/python3/dist-packages (from requests==2.28.2->dob-cli==0.1) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in /usr/lib/python3/dist-packages (from requests==2.28.2->dob-cli==0.1) (2020.6.20)
Collecting charset-normalizer<4,>=2
  Downloading charset_normalizer-3.4.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (146 kB)
                            146.1/146.1 KB 23.1 MB/s eta 0:00:00
Requirement already satisfied: urllib3<1.27,>=1.21.1 in /usr/lib/python3/dist-packages (from requests==2.28.2->dob-cli==0.1) (1.26.5)
Collecting pycparser
  Downloading pycparser-2.22-py3-none-any.whl (117 kB)
                            117.6/117.6 KB 1.6 MB/s eta 0:00:00
Installing collected packages: pycparser, click, charset-normalizer, requests, cffi, cryptography, dob-cli
  Attempting uninstall: click
    Found existing installation: click 8.0.3
    Not uninstalling click at /usr/lib/python3/dist-packages, outside environment /usr
    Can't uninstall 'click'. No files were found to uninstall.
  Attempting uninstall: requests
    Found existing installation: requests 2.25.1
    Not uninstalling requests at /usr/lib/python3/dist-packages, outside environment /usr
    Can't uninstall 'requests'. No files were found to uninstall.
  Attempting uninstall: cryptography
    Found existing installation: cryptography 3.4.8
    Not uninstalling cryptography at /usr/lib/python3/dist-packages, outside environment /usr
    Can't uninstall 'cryptography'. No files were found to uninstall.
Successfully installed cffi-1.17.1 charset-normalizer-3.4.1 click-8.1.0 cryptography-39.0.0 dob-cli-0.1 pycparser-2.22 requests-2.28.2
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system package manager. It is recommended
to use a virtual environment instead: https://pip.pypa.io/warnings/venv
root@ip-172-31-16-159:~/dob-cli#
```

```
root@ip-172-31-16-159:~# dob --help
Usage: dob [OPTIONS] COMMAND [ARGS]...

  `persona` CLI for remote command execution and configuration.

Options:
  --help  Show this message and exit.

Commands:
  config  Configure the remote execution by generating a...
  run     Proxy any `dob` command to the host for execution.
root@ip-172-31-16-159:~#
```

DOB-CLI PERSONA CONFIG

```
root@ip-172-31-16-159:~# vim david_private.pem
root@ip-172-31-16-159:~# dob config --persona-name david --token 827a89a7-8c36-416b-8e44-e7f78960618f --private-key-path david_private.pem --host-endp
oint http://54.90.79.208:4102
root@ip-172-31-16-159:~# dob run generate-webhook-secret
Forwarding command to host: dob generate-webhook-secret
Execution failed with status 403: {"error":"'david' is not authorized to execute the command 'dob generate-webhook-secret'."}

root@ip-172-31-16-159:~#
```