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**Batch - A3**

Key pair name
Key pairs allow you to connect to your instance securely.

> 091linux

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

- **RSA**
  RSA encrypted private and public key pair

- ○ ED25519
  ED25519 encrypted private and public key pair

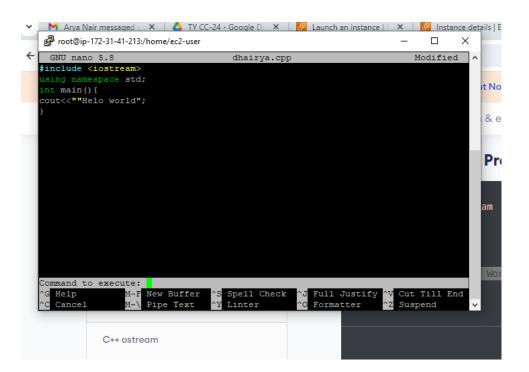Private key file format

○ .pem
  For use with OpenSSH

● .ppk
  For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** Learn more ↗

Cancel        **Create key pair**

---



```
GNU nano 5.8              dhairya.cpp                Modified
#include <iostream>
using namespace std;
int main(){
cout<<""Helo world";
}
```

```
Command to execute:
^G Help       M-F New Buffer   ^S Spell Check  ^J Full Justify ^V Cut Till End
^C Cancel     M-\ Pipe Text    ^Y Linter       ^O Formatter     ^Z Suspend
```

C++ ostream

```
annobin-docs-10.93-1.amzn2023.0.1.noarch
annobin-plugin-gcc-10.93-1.amzn2023.0.1.x86_64
cpp-11.4.1-2.amzn2023.0.2.x86_64
gc-8.0.4-5.amzn2023.0.2.x86_64
gcc-11.4.1-2.amzn2023.0.2.x86_64
gcc-c++-11.4.1-2.amzn2023.0.2.x86_64
glibc-devel-2.34-52.amzn2023.0.7.x86_64
glibc-headers-x86-2.34-52.amzn2023.0.7.noarch
guile22-2.2.7-2.amzn2023.0.3.x86_64
kernel-headers-6.1.72-96.166.amzn2023.x86_64
libmpc-1.2.1-2.amzn2023.0.2.x86_64
libstdc++-devel-11.4.1-2.amzn2023.0.2.x86_64
libtool-ltdl-2.4.7-1.amzn2023.0.3.x86_64
libxcrypt-devel-4.4.33-7.amzn2023.x86_64
make-1:4.3-5.amzn2023.0.2.x86_64

Complete!
[root@ip-172-31-41-213 ec2-user]# chmod +x dhairya.cpp
[root@ip-172-31-41-213 ec2-user]# ./dhairya
bash: ./dhairya: No such file or directory
[root@ip-172-31-41-213 ec2-user]# g++ dhairya.cpp -o dhairya
[root@ip-172-31-41-213 ec2-user]# chmod +x dhairya.cpp
[root@ip-172-31-41-213 ec2-user]# ./dhairya
Helo world[root@ip-172-31-41-213 ec2-user]# D
```

```
login as: ec2-user
Authenticating with public key "imported-openssh-key"
       #_
  ~\_  ####_          Amazon Linux 2023
 ~~  \_#####\
 ~~     \###|
 ~~       \#/ ___      https://aws.amazon.com/linux/amazon-linux-2023
  ~~       V~' '->
   ~~~         /
     ~~._.   _/
        _/ _/
       _/m/'
[ec2-user@ip-172-31-41-213 ~]$ sudo su
[root@ip-172-31-41-213 ec2-user]# nano dhairya.cpp
[root@ip-172-31-41-213 ec2-user]# nano dhairya.cpp
[root@ip-172-31-41-213 ec2-user]# sudo yum install gcc c++
Last metadata expiration check: 0:42:20 ago on Mon Feb  5 09:27:33 2024.
No match for argument: c++
Error: Unable to find a match: c++
[root@ip-172-31-41-213 ec2-user]# sudo yum install gcc-c++
Last metadata expiration check: 0:42:42 ago on Mon Feb  5 09:27:33 2024.
Dependencies resolved.
================================================================================
 Package          Arch       Version                Repository          Size
```

PuTTY Key Generator

File  Key  Conversions  Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABAQCJMERd5gTvX3zJfhBo8Sz/HdljuP7tSfaCk6suYHzPR2AWpBR0U3
WdFTcebPaCOBVC+fABX/DkunG15CDx7Be5YBiUW+f+EqwDWY0ublqONbKEC+3QdCEkD4R
+rQpoJyyUypJdmo2xRlp1pytNUtcvwwT266cHVE8TKO24esCFu862cntGlnnCvD2Q9mRw2iOub/mLgr3TUqUSH
MOfF8/QGZWT1lN1UsCp4Eoy7bP
```

Key fingerprint:      ssh-rsa 2048 SHA256:No89smrUg+/LSsr5zJpl7iBFua8t2lvS281dS3hQSOM

Key comment:          imported-openssh-key

Key passphrase:

Confirm passphrase:

Actions

Generate a public/private key pair                              Generate

Load an existing private key file                               Load

Save the generated key          Save public key          Save private key

Parameters

Type of key to generate:
◉ RSA      ○ DSA      ○ ECDSA      ○ EdDSA      ○ SSH-1 (RSA)

Number of bits in a generated key:                              2048



PuTTY Configuration

Category:

- Session
  - Logging
- Terminal
  - Keyboard
  - Bell
  - Features
- Window
  - Appearance
  - Behaviour
  - Translation
  - Selection
  - Colours
- Connection
  - Data
  - Proxy
  - SSH
  - Serial
  - Telnet
  - Rlogin
  - SUPDUP

Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address)          Port
13.201.115.145                     22

Connection type:
◉ SSH    ○ Serial    ○ Other:  Telnet

Load, save or delete a stored session

Saved Sessions

Default Settings
091finall

Load
Save
Delete

Close window on exit:
○ Always    ○ Never    ◉ Only on clean exit

About          Help                    Open          Cancel