

## AWS Documentation

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1.	User data

### User Data:

You can specify user data when you launch an instance with the Launch Wizard in the EC2 console. To specify user data on launch, follow the procedure for launching an instance. The **User data** field is located in the Advanced details section of the launch instance wizard. Enter your script in the **User data** field, and then complete the instance launch procedure.

### #!

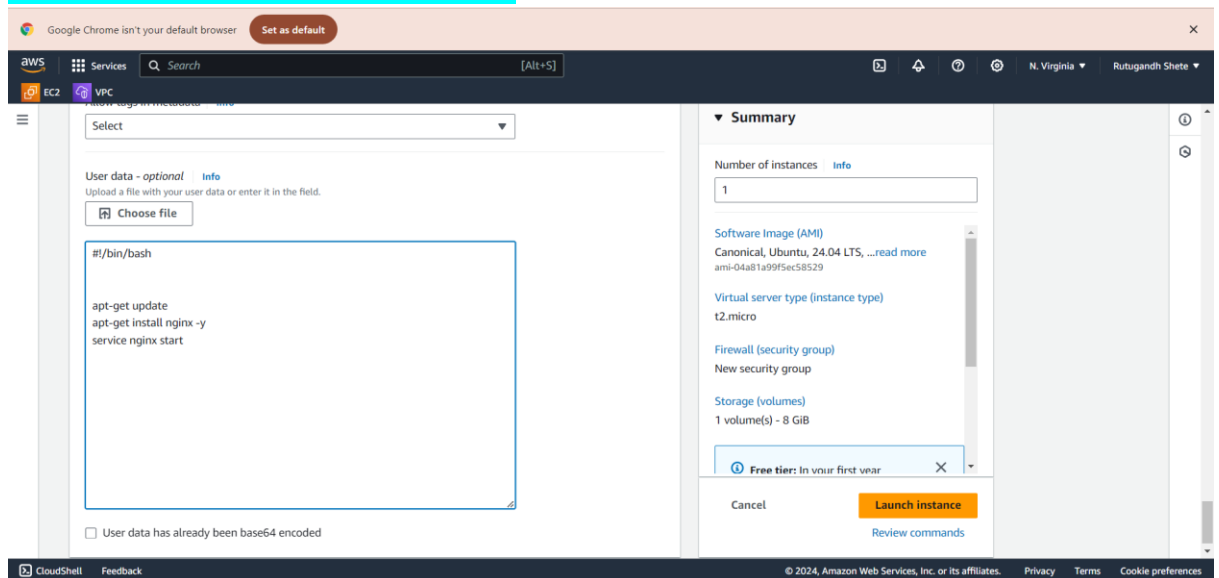
The shebang is the combination of the # (pound key) and ! (exclamation mark). This character combination has a special meaning when it is used in the very first line of the script. It is used to specify the interpreter with which the given script will be run by default.

```
#!/bin/bash
```

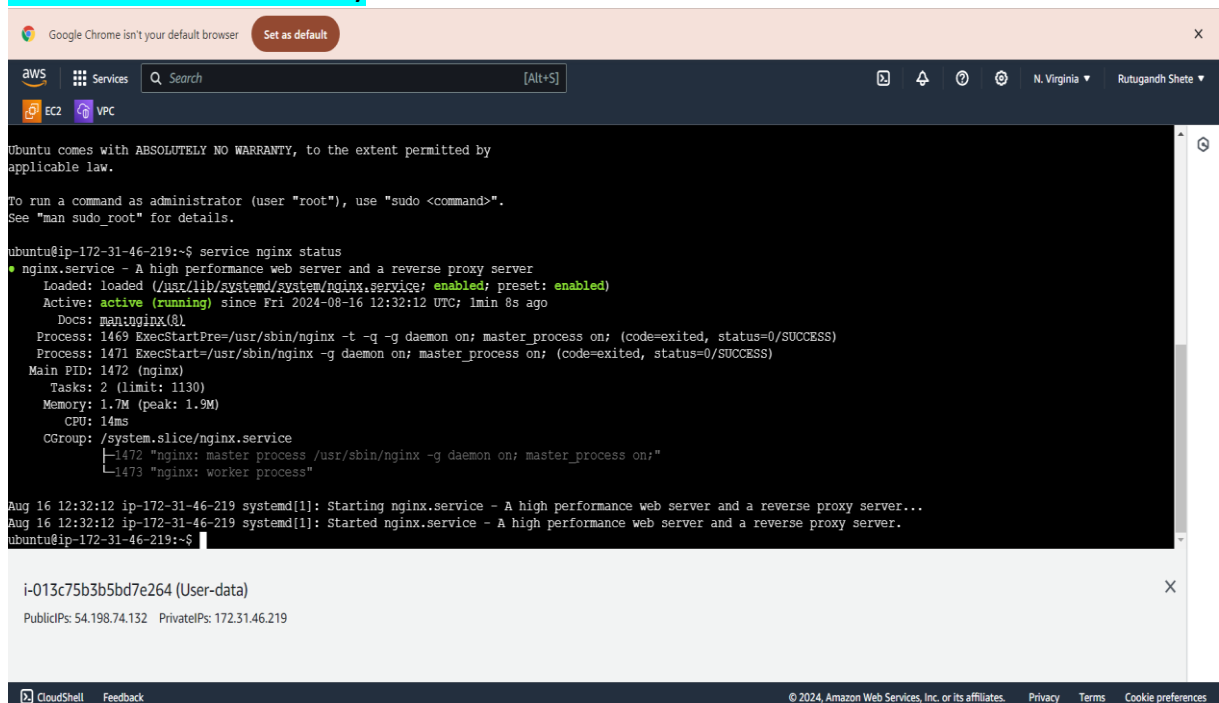
It means the interpreter should be bash shell.

## Steps:

- Create EC2 instance but while creating it → advanced settings → add script that will run once the instance is launched.



- We can see that after launching instance successfully “nginx server” is installed and started successfully.



- Lets host one website. Download one website “wget link” → unzip that file “unzip”  
unzip.\*(it will unzip into one extension format)

```

AWS Services Search [Alt+S]
EC2 VPC
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-46-219:~$ unzip applight.*
Archive:  applight.zip
  creating:  Applight/
  creating:  Applight/css/
  inflating: Applight/css/animate.css
  creating:  Applight/images/
  inflating: Applight/images/applight-wave.svg
  inflating: Applight/images/appstore.png
  extracting: Applight/images/arrow-left.png
  extracting: Applight/images/arrow-right.png
  inflating: Applight/images/iphone-screen-with-shadow.png
  inflating: Applight/images/iphone-screen.png
  inflating: Applight/images/logo-black.png
  inflating: Applight/images/logo.png
  inflating: Applight/images/pattern.png
  inflating: Applight/images/playstore.png
  inflating: Applight/images/user1.jpg
  inflating: Applight/images/user2.jpg
  inflating: Applight/images/user3.jpg
  inflating: Applight/images/video-bg.jpg
  inflating: Applight/index.html
  creating: Applight/js/
  inflating: Applight/js/scrollIt.min.js
  inflating: Applight/js/wow.min.js

```

- copy those websites file into other directory → “cp -rf file\_name/\*  
/var/www/html/” → paste public IP on browser

```

AWS Services Search [Alt+S]
EC2 VPC
  creating:  Applight/images/
  inflating: Applight/images/applight-wave.svg
  inflating: Applight/images/appstore.png
  extracting: Applight/images/arrow-left.png
  extracting: Applight/images/arrow-right.png
  inflating: Applight/images/iphone-screen-with-shadow.png
  inflating: Applight/images/iphone-screen.png
  inflating: Applight/images/logo-black.png
  inflating: Applight/images/logo.png
  inflating: Applight/images/pattern.png
  inflating: Applight/images/playstore.png
  inflating: Applight/images/user1.jpg
  inflating: Applight/images/user2.jpg
  inflating: Applight/images/user3.jpg
  inflating: Applight/images/video-bg.jpg
  inflating: Applight/index.html
  creating: Applight/js/
  inflating: Applight/js/scrollIt.min.js
  inflating: Applight/js/wow.min.js
  inflating: Applight/license.txt
  inflating: Applight/style.css
ubuntu@ip-172-31-46-219:~$ ls
Applight  applight.zip
ubuntu@ip-172-31-46-219:~$ sudo cp -rf Applight/* /var/www/html/
ubuntu@ip-172-31-46-219:~$

```

- After pasting public IP on browser.

