Shell-Scripting/Session-3] Con | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws Search [Alt+S] United States (N. Virginia) AYESHA MOMIN

```
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
-bash: ./file2.sh: cannot execute: required file not found
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ sudo chmod 755 file.sh
[ec2-user@ip-172-31-20-202 ~]$ ls
10  dir1  dir3  dir5  dir8     file1.sh  file3.txt     hello.tar     hello.tar.gz  new.tar.xz  project1   project2  project4
archive.tar  dir2  dir4  dir6  file.sh  file2.sh  helli.tar.bz2  hello.tar.bz2  hello.tar.xz  project     project10  project3  project5
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
ayesha, hello
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
enter your name
ayesha
hello, ayesha
[ec2-user@ip-172-31-20-202 ~]$  vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
./file.sh: line 4: name: readonly variable
john
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
./file.sh: line 4: echobefore swap: a= 5, b =10: command not found
swap: a= 10, b =5
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1 © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Shell-Scripting/Session-3] Con | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws Search [Alt+S] United States (N. Virginia) AYESHA MOMIN

```
#!/bin/bash
a=5
b=10
echo"before swap: a= $a, b =$b"
temp=$a
a=$b
b=$temp
echo "swap: a= $a, b =$b"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
:x
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

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```
#!/bin/bash
name="john"
readonly name
name="jane"
echo "$name"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"file.sh" 7L, 65B                                                    6,0-1         All
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
drwxr-xr-x. 2 ec2-user ec2-user    89 Jul  2 13:56 project
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project1
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 project10
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
-bash: ./file2.sh: cannot execute: required file not found
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ sudo chmod 755 file.sh
[ec2-user@ip-172-31-20-202 ~]$ ls
10          dir1  dir3  dir5  dir8     file1.sh  file3.txt      hello.tar      hello.tar.gz  new.tar.xz  project1   project2  project4
archive.tar dir2  dir4  dir6  file.sh  file2.sh  helli.tar.bz2  hello.tar.bz2  hello.tar.xz  project     project10  project3  project5
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
ayesha, hello
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
enter your name
ayesha
hello, ayesha
[ec2-user@ip-172-31-20-202 ~]$  vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
./file.sh: line 4: name: readonly variable
john
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
#!/bin/bash
echo "enter your name"
read name
echo "hello, $name"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"file.sh" 5L, 66B                                                    4,19          All
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  2 14:09 hello.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user   121 Jul  2 14:07 hello.tar.gz
-rw-r--r--. 1 ec2-user ec2-user   176 Jul  2 14:09 hello.tar.xz
-rw-r--r--. 1 ec2-user ec2-user   204 Jul  2 14:14 new.tar.xz
drwxr-xr-x. 2 ec2-user ec2-user    89 Jul  2 13:56 project
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project1
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 project10
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
-bash: ./file2.sh: cannot execute: required file not found
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ sudo chmod 755 file.sh
[ec2-user@ip-172-31-20-202 ~]$ ls
10          dir1  dir3  dir5  dir8     file1.sh  file3.txt     hello.tar     hello.tar.gz  new.tar.xz  project1   project2  project4
archive.tar dir2  dir4  dir6  file.sh  file2.sh  helli.tar.bz2 hello.tar.bz2 hello.tar.xz  project     project10  project3  project5
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
ayesha, hello
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
enter your name
ayesha
hello, ayesha
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
#!/bin/bash
name="hello"
echo "ayesha, $name"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"file.sh" 4L, 47B                                                    3,20          All
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
-rwxr-xr-x. 1 ec2-user ec2-user   283 Jul  9 06:01 file1.sh
-rwxr-xr-x. 1 ec2-user ec2-user    38 Jul  9 16:09 file2.sh
-rwxr--r--. 1 root     root         0 Jun 25 06:09 file3.txt
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  1 05:58 helli.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user 10240 Jul  1 05:50 hello.tar
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  2 14:09 hello.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user   121 Jul  2 14:07 hello.tar.gz
-rw-r--r--. 1 ec2-user ec2-user   176 Jul  2 14:09 hello.tar.xz
-rw-r--r--. 1 ec2-user ec2-user   204 Jul  2 14:14 new.tar.xz
drwxr-xr-x. 2 ec2-user ec2-user    89 Jul  2 13:56 project
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project1
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 project10
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
-bash: ./file2.sh: cannot execute: required file not found
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ sudo chmod 755 file.sh
[ec2-user@ip-172-31-20-202 ~]$ ls
10          dir1  dir3  dir5  dir8     file1.sh  file3.txt     hello.tar     hello.tar.gz  new.tar.xz  project1   project2  project4
archive.tar dir2  dir4  dir6  file.sh  file2.sh  helli.tar.bz2 hello.tar.bz2 hello.tar.xz  project     project10  project3  project5
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
ayesha, hello
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
#!/bin/bash
str=" i love java"
new_str=${str/java/bash}
echo "modified string: $new_str"
```

"file2.sh" 5L, 90B 5,0-1 All

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

```
A newer release of "Amazon Linux" is available.
  Version 2023.7.20250623:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jul  9 15:43:34 2025 from 18.206.107.29
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
the cloud word is exist
[ec2-user@ip-172-31-20-202 ~]$  vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
modified string:  i love bash
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

Shell-Scripting/Session-3] Con | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
#!/bin/bash
str="aws cloud devops"
if [[ $str == *"cloud"* ]];then
        echo "the cloud word is exist"
else
        echo "the word cloud doesnot exist"
fi
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"file2.sh" 8L, 145B                                                    8,0-1         All
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

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Shell-Scripting/Session-3] Con | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
A newer release of "Amazon Linux" is available.
  Version 2023.7.20250623:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jul  9 15:43:34 2025 from 18.206.107.29
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
the cloud word is exist
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.80.80.150 PrivateIPs: 172.31.20.202

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AWS issues troubleshooting | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab | Shell-Scripting/Session-3] Con

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:48 dir3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir5
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir6
drwxr-xr-x. 2 ec2-user ec2-user     6 Jul  2 14:12 dir8
-rwxr-xr-x. 1 ec2-user ec2-user   283 Jul  9 06:01 file1.sh
-rwxr-xr-x. 1 ec2-user ec2-user   107 Jul  9 06:06 file2.sh
-rwxr--r--. 1 root     root         0 Jun 25 06:09 file3.txt
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  1 05:58 helli.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user 10240 Jul  1 05:50 hello.tar
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  2 14:09 hello.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user   121 Jul  2 14:07 hello.tar.gz
-rw-r--r--. 1 ec2-user ec2-user   176 Jul  2 14:09 hello.tar.xz
-rw-r--r--. 1 ec2-user ec2-user   204 Jul  2 14:14 new.tar.xz
drwxr-xr-x. 2 ec2-user ec2-user    89 Jul  2 13:56 project
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project1
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 project10
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
concanated string: kubernetsdocker
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
concanated string: kubedock
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.88.158.230 PrivateIPs: 172.31.20.202

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
#!/bin/bash
string1="kubernets"
string2="docker"
result=${string1:0:4}${string2:0:4}
echo "concanated string: $result"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
:x
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.88.158.230 PrivateIPs: 172.31.20.202

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AWS issues troubleshooting | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab | Shell-Scripting/Session-3] Con

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 10
-rw-r--r--. 1 ec2-user ec2-user 10240 Jul  1 05:33 archive.tar
drwxr-xr-x. 2 ec2-user ec2-user    40 Jul  1 06:08 dir1
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:48 dir3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir5
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir6
drwxr-xr-x. 2 ec2-user ec2-user     6 Jul  2 14:12 dir8
-rwxr-xr-x. 1 ec2-user ec2-user   283 Jul  9 06:01 file1.sh
-rwxr-xr-x. 1 ec2-user ec2-user   107 Jul  9 06:06 file2.sh
-rwxr--r--. 1 root     root         0 Jun 25 06:09 file3.txt
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  1 05:58 helli.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user 10240 Jul  1 05:50 hello.tar
-rw-r--r--. 1 ec2-user ec2-user   125 Jul  2 14:09 hello.tar.bz2
-rw-r--r--. 1 ec2-user ec2-user   121 Jul  2 14:07 hello.tar.gz
-rw-r--r--. 1 ec2-user ec2-user   176 Jul  2 14:09 hello.tar.xz
-rw-r--r--. 1 ec2-user ec2-user   204 Jul  2 14:14 new.tar.xz
drwxr-xr-x. 2 ec2-user ec2-user    89 Jul  2 13:56 project
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project1
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 project10
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:54 project5
[ec2-user@ip-172-31-20-202 ~]$ ./file2.sh
concanated string: kubernetsdocker
[ec2-user@ip-172-31-20-202 ~]$
```

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

Mark-up and share

i-0d19be9cad908a379 (Linux)

PublicIPs: 3.88.158.230 PrivateIPs: 172.31.20.202

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AWS issues troubleshooting | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab | Shell-Scripting/Session-3] Con

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
enter a number
10
./file1.sh: line 5: [10: command not found
number is odd
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
enter a number
10
./file1.sh: line 6: echo10 is positive: command not found
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file2.sh
[ec2-user@ip-172-31-20-202 ~]$ sudo chmod 755 file2.sh
[ec2-user@ip-172-31-20-202 ~]$ ls -l
total 52
drwxr-xr-x. 2 root     root         6 Jul  2 13:47 10
-rw-r--r--. 1 ec2-user ec2-user 10240 Jul  1 05:33 archive.tar
drwxr-xr-x. 2 ec2-user ec2-user    40 Jul  1 06:08 dir1
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir2
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:48 dir3
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir4
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir5
drwxr-xr-x. 2 ec2-user ec2-user     6 Jun 23 18:36 dir6
drwxr-xr-x. 2 ec2-user ec2-user     6 Jul  2 14:12 dir8
-rwxr-xr-x. 1 ec2-user ec2-user   283 Jul  9 06:01 file1.sh
-rwxr-xr-x. 1 ec2-user ec2-user   107 Jul  9 06:06 file2.sh
-rwxr--r--. 1 root     root         0 Jun 25 06:09 file3.txt
```

i-0d19be9cad908a379 (Linux)

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AWS issues troubleshooting | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab | Shell-Scripting/Session-3] Con

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
#!/bin/bash
string1="kubernets"
string2="docker"
result=$string1$string2
echo "concanated string: $result"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
:x
```

i-0d19be9cad908a379 (Linux)

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AWS issues troubleshooting | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab | Shell-Scripting/Session-3] Con

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
Enter the temperature:
15
It's a bit chilly.
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
./file1.sh: line 8: unexpected EOF while looking for matching `"'
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
./file1.sh: line 8: unexpected EOF while looking for matching `"'
[ec2-user@ip-172-31-20-202 ~]$ ^C
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
enter a number
10
./file1.sh: line 5: [10: command not found
number is odd
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
enter a number
10
./file1.sh: line 6: echo10 is positive: command not found
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

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Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws Search [Alt+S] United States (N. Virginia) AYESHA%20MOMIN

```
A newer release of "Amazon Linux" is available.
  Version 2023.7.20250623:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Tue Jul  8 05:42:01 2025 from 18.206.107.28
[ec2-user@ip-172-31-20-202 ~]$ ls
10          dir1  dir3  dir5  dir8      file3.txt     hello.tar     hello.tar.gz  new.tar.xz  project1   project2  project4
archive.tar  dir2  dir4  dir6  file1.sh  hello1.tar.bz2  hello.tar.bz2  hello.tar.xz  project     project10  project3  project5
[ec2-user@ip-172-31-20-202 ~]$ vi file1.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
-bash: ./file.sh: No such file or directory
[ec2-user@ip-172-31-20-202 ~]$ ./file1.sh
concatented string:kubedock
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 54.82.234.140 PrivateIPs: 172.31.20.202

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Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&region=us-east-1&sshPort=22

aws Search [Alt+S] United States (N. Virginia) AYESHA%20MOMIN

```
#!/bin/bash
string="hello"
string1="world"
result=$string$string1
echo "concatented string:$result"
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"file1.sh" 6L, 101B                                                    5,33          All
```

i-0d19be9cad908a379 (Linux)

PublicIPs: 54.82.234.140 PrivateIPs: 172.31.20.202

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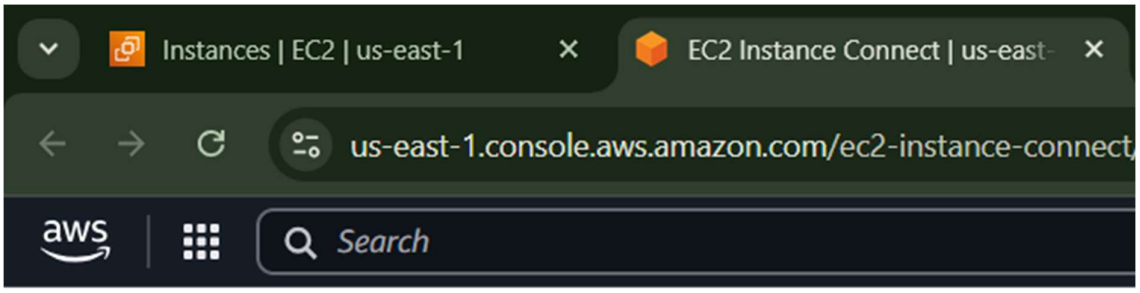
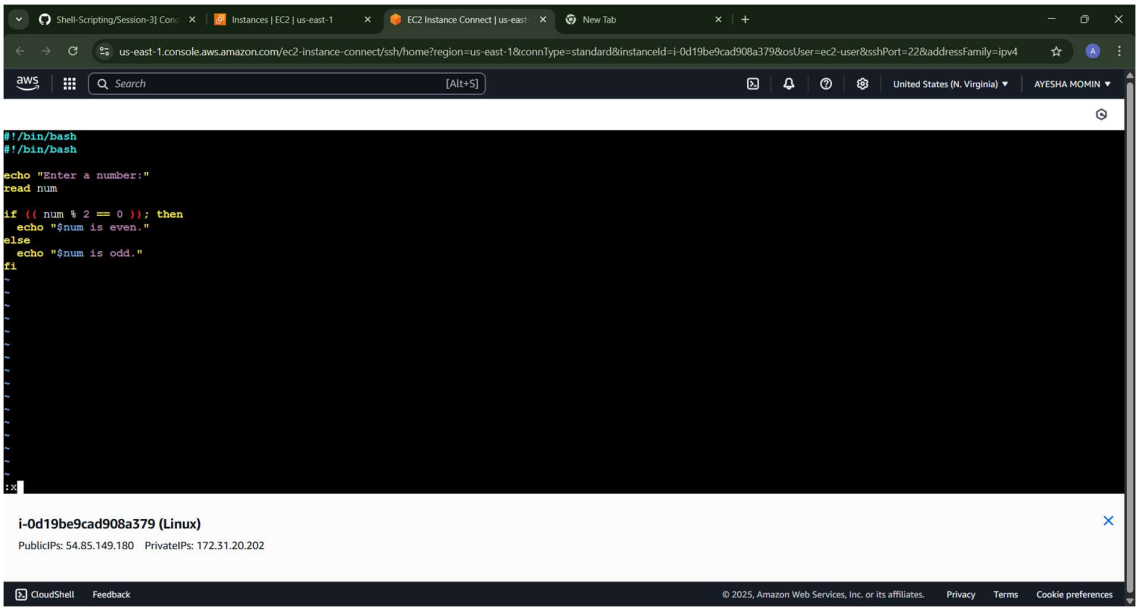



```
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jun 25 05:44:00 2025 from 18.206.107.28
[ec2-user@ip-172-31-20-202 ~]$ ps -aux
USER         PID %CPU %MEM    VSZ   RSS TTY      STAT STA
root           1  1.3  1.7 106800 17012 ?        Ss   05:
root           2  0.0  0.0      0     0 ?        S    05:
```


Shell-Scripting/Session-3] Conc
Instances | EC2 | us-east-1
EC2 Instance Connect | us-east
New Tab
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4
aws
Search
[Alt+S]
United States (N. Virginia)
AYESHA MOMIN
#!/bin/bash
#!/bin/bash
echo "Enter a number:"
read num
if ((num % 2 == 0)); then
echo "$num is even."
else
echo "$num is odd."
fi
:x
i-0d19be9cad908a379 (Linux)
PublicIPs: 54.85.149.180 PrivateIPs: 172.31.20.202
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Shell-Scripting/Session-3] Conc | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
#!/bin/bash

echo "Enter a number:"
read num

if (( num > 0 )); then
  echo "$num is positive."
elif (( num < 0 )); then
  echo "$num is negative."
else
  echo "$num is zero."
fi
~
~
~
~
~
~
~
~
~
~
~
~
~
~
:x
```

i-0d19be9cad908a379 (Linux)

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Shell-Scripting/Session-3] Conc | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
A newer release of "Amazon Linux" is available.
  Version 2023.7.20250623:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jul  9 15:54:01 2025 from 18.206.107.27
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
Enter a number:
10
10 is even.
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

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Shell-Scripting/Session-3] Con | Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east | New Tab

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0d19be9cad908a379&osUser=ec2-user&sshPort=22&addressFamily=ipv4

aws | Search [Alt+S] | United States (N. Virginia) | AYESHA MOMIN

```
A newer release of "Amazon Linux" is available.
  Version 2023.7.20250623:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Jul  9 15:54:01 2025 from 18.206.107.27
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
Enter a number:
10
10 is even.
[ec2-user@ip-172-31-20-202 ~]$ vi file.sh
[ec2-user@ip-172-31-20-202 ~]$ ./file.sh
Enter a number:
10
10 is positive.
[ec2-user@ip-172-31-20-202 ~]$
```

i-0d19be9cad908a379 (Linux)

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