

EN-US ▾

# Linux Command Line

**Note:** All labs rely on previous courseware and lab information.

## Objectives

In this lab, you will:

- Run commands to gain knowledge of your current system and current session
- Search and run previous bash commands

## Duration

This lab requires approximately **30 minutes** to complete.

## AWS service restrictions

In this lab environment, access to AWS services and service actions might be restricted to the ones that you need to complete the lab instructions. You might encounter errors if you attempt to access other services or perform actions beyond the ones that this

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Details

AWS

Start Lab

End Lab

0:58

Details

AWS:

Show

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Credentials

Cloud Access

AWS CLI: Show

Cloud Labs

Remaining session time: 00:57:27(58 minutes)

Session started at: 2023-11-08T19:38:29-0800

Session to end at: 2023-11-08T20:38:29-0800

Accumulated lab time: 03:28:00 (208 minutes)

SSH key Show Download PEM Download PPK

AWS SSO Download URL

LabRegion	us-west-2
PublicIP	34.214.5.85

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## Credentials

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AWS CLI:

Show

### Cloud Labs

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### Credentials

**Cloud Access**

**AWS CLI:** Show

**Cloud Labs**

Remaining session time: 00:57:27 (5)

Session started at: 2023-11-08T19:

Session to end at: 2023-11-08T20:

Accumulated lab time: 03:28:00 (20)

**SSH key** Show Download PEM Do

**AWS SSO** Download URL


LabRegion

PublicIP


**Chat** **All** Apps Documents Web Settings Folders


20 G ...


### Best match

 **PuTTY**  
App


### Apps


 PuTTY Web Site >


 PuTTYgen >


 putty-64bit-0.79-installer.msi >


### Search the web


 putty - See more search results >


 puttygen >


 putty key generator >

 putty configuration >







 putty download for windows 11 >

 putty exe >


 putty download >



**PuTTY**  
App

-  Open
-  Run as administrator
-  Open file location
-  Pin to Start
-  Pin to taskbar
-  Uninstall

AWS Start Lab End Lab 0:57



## Credentials

### Cloud Access

AWS CLI:

Show

### Cloud Labs

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SSH key

Show

Download PEM

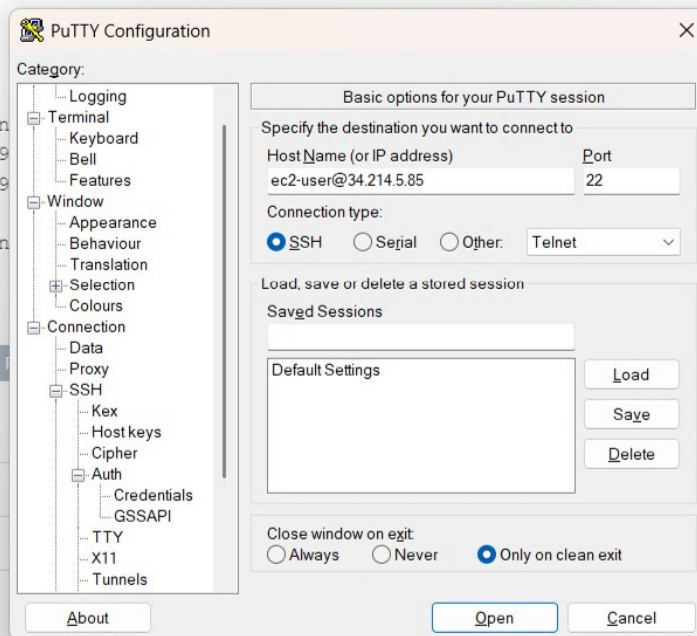
Download URL

AWS SSO

Download URL

LabRegion

PublicIP



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Select private key file

Downloads

Search Downloads

Organize New folder

Home Gallery AMARNATH - P Desktop Downloads Documents Pictures Music

Name	Date modified	Type	Size
Today			
labsuser (2)	09-11-2023 09:11	PuTTY Private Key ...	2
Yesterday			
labsuser (1)	08-11-2023 11:31	PuTTY Private Key ...	2
labsuser	08-11-2023 09:40	PuTTY Private Key ...	2
Earlier this year			
Telegram Desktop	23-08-2023 14:19	File folder	

File name: labsuser (2) PuTTY Private Key Files (\*.ppk) Open Cancel

PuTTY Configuration

Category: Logging Terminal Keyboard Bell Features Window Appearance Behaviour Translation Selection Colours Connection Data Proxy SSH Kex Host keys Cipher Auth Credentials GSSAPI TTY X11 Tunnels

Credentials to authenticate with

Public-key authentication

Private key file for authentication: Browse...

Certificate to use with the private key (optional): Browse...

Plugin to provide authentication responses

Plugin command to run

About Open Cancel

PublicIP 34.214.5.85

## Credentials

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AWS CLI:

Show

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AWS SSO

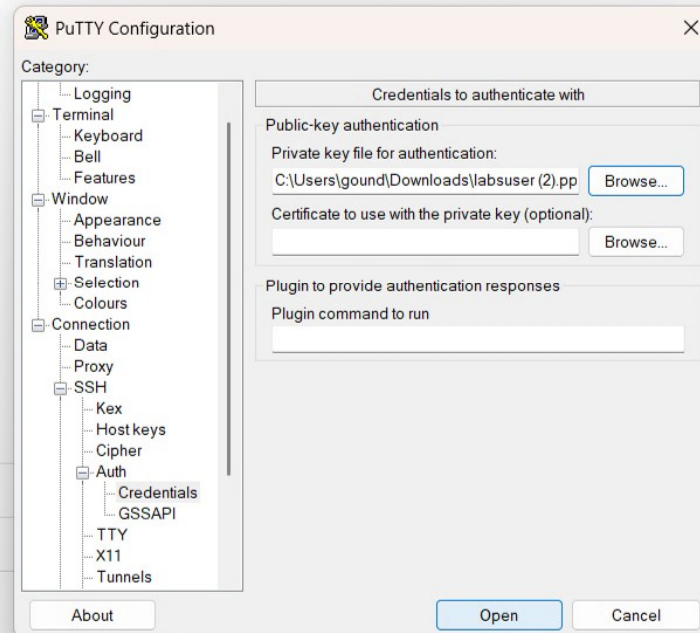
Download URL

LabRegion

us-west-2

PublicIP

34.214.5.85



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## PuTTY Security Alert



The host key is not cached for this server:

34.214.5.85 (port 22)

You have no guarantee that the server is the computer you think it is.

The server's ssh-ed25519 key fingerprint is:

ssh-ed25519 255 SHA256:D0u2UfkA0f/oWtBWQ4gliBbHwjMrUtb6GblJ2aWidg

If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.

If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".

If you do not trust this host, press "Cancel" to abandon the connection.

More info...

Accept

Connect Once

Cancel



```
root@ip-10-0-10-189:~  
[ec2-user@ip-10-0-10-189 ~]$ whoami  
ec2-user  
[ec2-user@ip-10-0-10-189 ~]$ hostname  
ip-10-0-10-189.us-west-2.compute.internal  
[ec2-user@ip-10-0-10-189 ~]$ pwd  
/home/ec2-user  
[ec2-user@ip-10-0-10-189 ~]$ touch file1  
[ec2-user@ip-10-0-10-189 ~]$ ls  
companyA  file1  
[ec2-user@ip-10-0-10-189 ~]$ mkdir Folder1  
[ec2-user@ip-10-0-10-189 ~]$ cd Folder1  
[ec2-user@ip-10-0-10-189 Folder1]$ cd ..  
[ec2-user@ip-10-0-10-189 ~]$ sudo su  
[root@ip-10-0-10-189 ec2-user]# sudo su -  
Last login: Thu Nov  9 03:48:31 UTC 2023 on pts/0  
[root@ip-10-0-10-189 ~]# history  
  1  history  
[root@ip-10-0-10-189 ~]# uptime  
 03:49:16 up 9 min,  1 user,  load average: 0.00, 0.01, 0.00  
[root@ip-10-0-10-189 ~]# # I amcommenting  
[root@ip-10-0-10-189 ~]# useradd Amar  
[root@ip-10-0-10-189 ~]# passwd Amar  
Changing password for user Amar.  
New password:  
BAD PASSWORD: The password is a palindrome  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@ip-10-0-10-189 ~]# cat /cat/passwd  
cat: /cat/passwd: No such file or directory  
[root@ip-10-0-10-189 ~]# cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
bin:x:1:1:bin:/bin:/sbin/nologin  
daemon:x:2:2:daemon:/sbin:/sbin/nologin
```

user1@ip-10-0-10-189:~

```
[root@ip-10-0-10-189 ~]# tail -n 2 /etc/passwd
user1:x:1023:1030::/home/user1:/bin/bash
user2:x:1024:1031::/home/user2:/bin/bash
[root@ip-10-0-10-189 ~]# clear
[root@ip-10-0-10-189 ~]# su user1
[user1@ip-10-0-10-189 root]$ su - user1
Password:
Last login: Thu Nov  9 04:20:21 UTC 2023 on pts/0
[user1@ip-10-0-10-189 ~]$ ls
[user1@ip-10-0-10-189 ~]$ exit
logout
[user1@ip-10-0-10-189 root]$ exit
exit
[root@ip-10-0-10-189 ~]# ls
[root@ip-10-0-10-189 ~]# cd /home
[root@ip-10-0-10-189 home]# ls
ahitt      ctee      edilling  fstaffor  isteinke  mmolinar  tmickley  wleist    ymandalou
Amar      dolberdi  eleonard  garringt  kkrawczy  sblunt    user1     wtrumbau
crunion   ec2-user  emcbath   hmcculla  lchaloux  szane     user2     yhallida
[root@ip-10-0-10-189 home]# cd user1
[root@ip-10-0-10-189 user1]# ls
[root@ip-10-0-10-189 user1]# ls -a
.  ..  .bash_history  .bash_logout  .bash_profile  .bashrc
[root@ip-10-0-10-189 user1]# id
uid=0(root) gid=0(root) groups=0(root)
[root@ip-10-0-10-189 user1]# su - user1
Last login: Thu Nov  9 04:20:41 UTC 2023 on pts/0
[user1@ip-10-0-10-189 ~]$ id
uid=1023(user1) gid=1030(user1) groups=1030(user1)
[user1@ip-10-0-10-189 ~]$ echo 'Hello!!'
Hello!!
[user1@ip-10-0-10-189 ~]$ touch file1
[user1@ip-10-0-10-189 ~]$ touch file.txt
[user1@ip-10-0-10-189 ~]$ ls
file1  file.txt
[user1@ip-10-0-10-189 ~]$ echo "This is AWS" > file1.txt
[user1@ip-10-0-10-189 ~]$ cat file1.txt
This is AWS
[user1@ip-10-0-10-189 ~]$ history
 1  ls
 2  exit
 3  su - user1
 4  exit
 5  id
 6  echo 'Hello!!'
```

