



Universidad Tecmilenio

Actividad 1

Fundamentos de devops

Cuarto Semestre

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task1

```
(diego@kali)-[~/Downloads]
$ sh -i labsuser.pem ec2-user@3.210.200.146
zsh: parse error near `\\n'

(diego@kali)-[~/Downloads]
$ ssh -i labsuser.pem ec2-user@3.210.200.146
The authenticity of host '3.210.200.146 (3.210.200.146)' can't be established.
ED25519 key fingerprint is SHA256:AA5JRfZXQpbtzL5RQDlrYLbw1wyhcnJf+jsuyLLMw40.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.210.200.146' (ED25519) to the list of known hosts.

#_
~\_##### Amazon Linux 2
3 00~ne\_#####\
~~~\_###| AL2 End of Life is 2026-06-30.
~~~\_#/
~~~ V~' '->
~~~~
blic IP ~~.-. A newer version of Amazon Linux is available!
~\_/_/_/ Amazon Linux 2023, GA and supported until 2028-03-15.
\_m/' https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-10-200-0-39 ~]$
```

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```
Try 'python --help' for more information.
[ec2-user@ip-10-200-0-39 ~]$ python3 --version
Python 3.7.16
[ec2-user@ip-10-200-0-39 ~]$ sudo yum install -y unzip
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.6 kB 00:00
Package unzip-6.0-57.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-10-200-0-39 ~]$
```

```
ec2-user@ip-10-200-0-39:~  
inflating: aws/dist/awscli/topics/return-codes.rst  
inflating: aws/dist/awscli/topics/s3-config.rst  
creating: aws/dist/awscli/customizations/sso/  
creating: aws/dist/awscli/customizations/wizard/  
creating: aws/dist/awscli/customizations/wizard/wizards/  
creating: aws/dist/awscli/customizations/wizard/wizards/configure/  
creating: aws/dist/awscli/customizations/wizard/wizards/dynamodb/  
creating: aws/dist/awscli/customizations/wizard/wizards/events/  
creating: aws/dist/awscli/customizations/wizard/wizards/iam/  
creating: aws/dist/awscli/customizations/wizard/wizards/lambda/  
inflating: aws/dist/awscli/customizations/wizard/wizards/iam/new-role.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/dynamodb/new-table.y  
ml  
inflating: aws/dist/awscli/customizations/wizard/wizards/events/new-rule.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/configure/_main.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/lambda/new-function.y  
ml  
inflating: aws/dist/awscli/customizations/sso/index.html  
inflating: aws/dist/awscli/data/ac.index  
inflating: aws/dist/awscli/data/metadata.json  
inflating: aws/dist/awscli/data/cli.json  
[ec2-user@ip-10-200-0-39 ~]$ sudo ./aws/install  
You can now run: /usr/local/bin/aws --version  
[ec2-user@ip-10-200-0-39 ~]$
```

```
ec2-user@ip-10-200-0-39:~  
creating: aws/dist/awscli/customizations/wizard/wizards/dynamodb/  
creating: aws/dist/awscli/customizations/wizard/wizards/events/  
creating: aws/dist/awscli/customizations/wizard/wizards/iam/  
creating: aws/dist/awscli/customizations/wizard/wizards/lambda/  
inflating: aws/dist/awscli/customizations/wizard/wizards/iam/new-role.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/dynamodb/new-table.y  
ml  
inflating: aws/dist/awscli/customizations/wizard/wizards/events/new-rule.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/configure/_main.yml  
inflating: aws/dist/awscli/customizations/wizard/wizards/lambda/new-function.y  
ml  
inflating: aws/dist/awscli/customizations/sso/index.html  
inflating: aws/dist/awscli/data/ac.index  
inflating: aws/dist/awscli/data/metadata.json  
inflating: aws/dist/awscli/data/cli.json  
[ec2-user@ip-10-200-0-39 ~]$ sudo ./aws/install  
You can now run: /usr/local/bin/aws --version  
[ec2-user@ip-10-200-0-39 ~]$ aws help  
[ec2-user@ip-10-200-0-39 ~]$ aws configure  
AWS Access Key ID [None]: AKIATUKS2HMLJUDAUM7J  
AWS Secret Access Key [None]: 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  
Default region name [None]: us-east-1  
Default output format [None]: json.  
[ec2-user@ip-10-200-0-39 ~]$
```

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```
ec2-user@ip-10-200-0-39:~  
Default output format [json.]: json  
[ec2-user@ip-10-200-0-39 ~]$ aws iam list-users  
  
An error occurred (InvalidClientTokenId) when calling the ListUsers operation: The security token included in the request is invalid.  
[ec2-user@ip-10-200-0-39 ~]$ aws configure  
AWS Access Key ID [*****yes]: AKIATUKS2HMLJUDAUM7J  
AWS Secret Access Key [*****yes]: 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  
Default region name [yes]: us-east-1  
Default output format [json]: json  
[ec2-user@ip-10-200-0-39 ~]$ aws iam list-users  
{  
  "Users": [  
    {  
      "Path": "/",  
      "UserName": "awsstudent",  
      "UserId": "AIDATUKS2HMLHSSKVGDSB",  
      "Arn": "arn:aws:iam::249818659606:user/awsstudent",  
      "CreateDate": "2025-03-29T00:43:43+00:00"  
    }  
  ]  
}
```

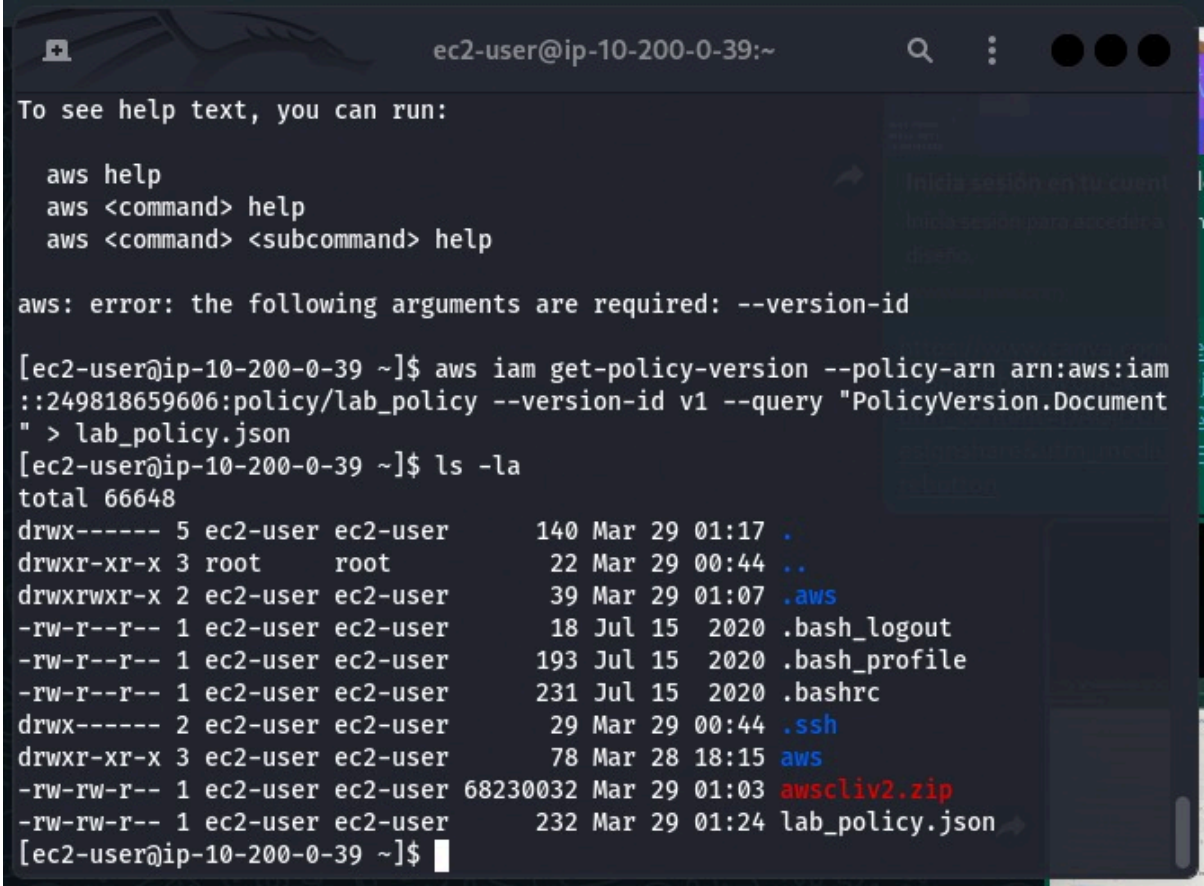


```
ec2-user@ip-10-200-0-39:~  
    "UserId": "AIDATUKS2HMLHSSKVGDSB",  
    "Arn": "arn:aws:iam::249818659606:user/awsstudent",  
    "CreateDate": "2025-03-29T00:43:43+00:00"  
  }  
]  
}  
[ec2-user@ip-10-200-0-39 ~]$ aws iam list-policies --scope Local --query "Policies[?PolicyName=='lab_policy']"  
[  
  {  
    "PolicyName": "lab_policy",  
    "PolicyId": "ANPATUKS2HML0FQXRVQ0Y",  
    "Arn": "arn:aws:iam::249818659606:policy/lab_policy",  
    "Path": "/",  
    "DefaultVersionId": "v1",  
    "AttachmentCount": 1,  
    "PermissionsBoundaryUsageCount": 0,  
    "IsAttachable": true,  
    "CreateDate": "2025-03-29T00:44:20+00:00",  
    "UpdateDate": "2025-03-29T00:44:20+00:00"  
  }  
]  
[ec2-user@ip-10-200-0-39 ~]$  
[ec2-user@ip-10-200-0-39 ~]$
```

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```
ec2-user@ip-10-200-0-39:~  
[ec2-user@ip-10-200-0-39 ~]$ aws iam get-policy --policy-arn ^C  
[ec2-user@ip-10-200-0-39 ~]$ aws iam get-policy --policy-arn 249818659606:policy  
/lab_policy  
  
An error occurred (ValidationError) when calling the GetPolicy operation: Invalid  
ARN: Could not be parsed!  
[ec2-user@ip-10-200-0-39 ~]$ aws iam get-policy --policy-arn arn:aws:iam::249818  
659606:policy/lab_policy  
{  
  "Policy": {  
    "PolicyName": "lab_policy",  
    "PolicyId": "ANPATUKS2HML0FQXRVQ0Y",  
    "Arn": "arn:aws:iam::249818659606:policy/lab_policy",  
    "Path": "/",  
    "DefaultVersionId": "v1",  
    "AttachmentCount": 1,  
    "PermissionsBoundaryUsageCount": 0,  
    "IsAttachable": true,  
    "CreateDate": "2025-03-29T00:44:20+00:00",  
    "UpdateDate": "2025-03-29T00:44:20+00:00",  
    "Tags": []  
  }  
}
```

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A terminal window titled 'ec2-user@ip-10-200-0-39:~' with standard window controls. The terminal shows the following commands and output:

```
To see help text, you can run:
aws help
aws <command> help
aws <command> <subcommand> help

aws: error: the following arguments are required: --version-id

[ec2-user@ip-10-200-0-39 ~]$ aws iam get-policy-version --policy-arn arn:aws:iam::249818659606:policy/lab_policy --version-id v1 --query "PolicyVersion.Document" > lab_policy.json
[ec2-user@ip-10-200-0-39 ~]$ ls -la
total 66648
drwx----- 5 ec2-user ec2-user 140 Mar 29 01:17 .
drwxr-xr-x 3 root root 22 Mar 29 00:44 ..
drwxrwxr-x 2 ec2-user ec2-user 39 Mar 29 01:07 .aws
-rw-r--r-- 1 ec2-user ec2-user 18 Jul 15 2020 .bash_logout
-rw-r--r-- 1 ec2-user ec2-user 193 Jul 15 2020 .bash_profile
-rw-r--r-- 1 ec2-user ec2-user 231 Jul 15 2020 .bashrc
drwx----- 2 ec2-user ec2-user 29 Mar 29 00:44 .ssh
drwxr-xr-x 3 ec2-user ec2-user 78 Mar 28 18:15 aws
-rw-rw-r-- 1 ec2-user ec2-user 68230032 Mar 29 01:03 awscli2.zip
-rw-rw-r-- 1 ec2-user ec2-user 232 Mar 29 01:24 lab_policy.json
[ec2-user@ip-10-200-0-39 ~]$
```

The terminal also displays a sidebar with a search icon and a list of files, including 'awscli2.zip' and 'lab_policy.json'.

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```
ec2-user@ip-10-200-0-39:~  
drwxr-xr-x 3 root    root      22 Mar 29 00:44 .  
drwxrwxr-x 2 ec2-user ec2-user 39 Mar 29 01:07 .aws  
-rw-r--r-- 1 ec2-user ec2-user 18 Jul 15 2020 .bash_logout  
-rw-r--r-- 1 ec2-user ec2-user 193 Jul 15 2020 .bash_profile  
-rw-r--r-- 1 ec2-user ec2-user 231 Jul 15 2020 .bashrc  
drwx----- 2 ec2-user ec2-user 29 Mar 29 00:44 .ssh  
drwxr-xr-x 3 ec2-user ec2-user 78 Mar 28 18:15 aws  
-rw-rw-r-- 1 ec2-user ec2-user 68230032 Mar 29 01:03 awscli2.zip  
-rw-rw-r-- 1 ec2-user ec2-user 232 Mar 29 01:24 lab_policy.json  
[ec2-user@ip-10-200-0-39 ~]$ cat lab_policy.json  
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Action": [  
        "iam:get*",  
        "iam:list*"  
      ],  
      "Resource": "*",  
      "Effect": "Allow"  
    }  
  ]  
}  
[ec2-user@ip-10-200-0-39 ~]$
```