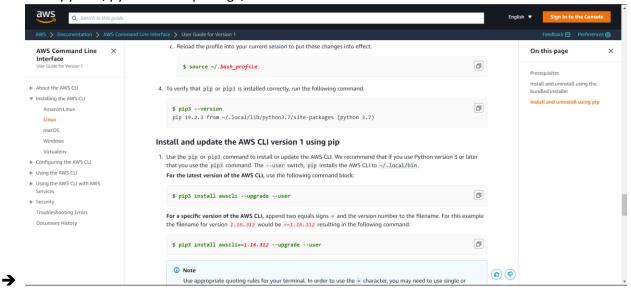
→ Need python, python-index package, then we can download awscli



https://docs.aws.amazon.com/cli/v1/userguide/install-linux.html

Install PIP

```
ubuntu@ip-172-31-31-164:~$ python3 --version
Python 3.8.10
ubuntu@ip-172-31-31-164:~$ curl -0 https://bootstrap.pypa.io/get-pip.py
           % Received % Xferd Average Speed Time Time Time
 % Total
                                                               Current
                             Dload Upload
                                          Total
                                                 Spent
                                                          Left Speed
100 2596k 100 2596k
                    0
                          0
                             26.4M
                                      0 --:--:- 26.4M
ubuntu@ip-172-31-31-164:~$
```

```
ubuntu@ip-172-31-31-164:~$ python3 get-pip.py --user
Collecting pip

Downloading pip-22.0.4-py3-none-any.whl (2.1 MB)

2.1/2.1 MB 27.3 MB/s eta 0:00:00

Collecting wheel

Downloading wheel-0.37.1-py2.py3-none-any.whl (35 kB)

Installing collected packages: wheel, pip

WARNING: The script wheel is installed in '/home/ubuntu/.local/bin' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The scripts pip, pip3 and pip3.8 are installed in '/home/ubuntu/.local/bin' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

Successfully installed pip-22.0.4 wheel-0.37.1
```

export PATH=~/.local/bin:\$PATH → /usr/local/bin

```
ubuntu@ip-172-31-31-164:~$ export PATH=~/usr/bin:$PATH ubuntu@ip-172-31-31-164:~$ ■
```

Source-source \sim /.bash_profile \rightarrow source /etc/profile

```
root@ip-172-31-31-164:~# source /etc/profile root@ip-172-31-31-164:~#
```

```
root@ip-172-31-21-127:~# pip --version
pip 22.0.4 from /usr/local/lib/python3.8/dist-packages/pip (python 3.8)
root@ip-172-31-21-127:~# ■
```

Intsall awscli { pip3 install awscli --upgrade --user }

```
root@ip-172-31-71-172:-# pip3 install awscli

root@ip-172-31-71-172:-# pip3 install awscli

collecting awscli -1.22.98-py3-none-any.whl (3.8 MB)

Domiloading awcli-1.22.98-py3-none-any.whl (34 kB)

Sollecting fsad-8,2-3.1.2

Domiloading rsad-8,2-3.1.2

Domiloading stransfer-0.5.2-py3-none-any.whl (79 kB)

Domiloading stransfer-0.5.2-py3-none-any.whl (79 kB)

Collecting docutils-0.16,2-0.10

Domiloading docutils-0.15.2-py3-none-any.whl (547 kB)

Domiloading docutils-0.15.2-py3-none-any.whl (547 kB)

Domiloading docutils-0.15.2-py3-none-any.whl (547 kB)

Engirement already satisfied: PyYAML-5.5,>=3.10 in /usr/lb/python3/dist-packag

ss (from awscli) (5.3.1)

Collecting botocore=1.24.43

Domiloading botocore=1.24.43

Domiloading botocore=1.24.43-any-anone-any.whl (8.7 MB)

Collecting imespath-2.0-0,>=0.7.1

Domiloading botocore=1.24.43-any-anone-any.whl (28 KB)

Sollecting imespath-1.0-0-py3-none-any.whl (28 KB)

Collecting imespath-2.0-0,>=0.7.1

Domiloading botocore=1.24.43-any-anone-any.whl (28 KB)

Collecting python-dateutil-3.0-0,=2.1

Domiloading python-dateutil-3.0-0,=2.1

Domiloading python dateutil-3.0-0,=2.1

Domiloading python dateutil-3.0-
```

Aws iam help

aws iam list-users

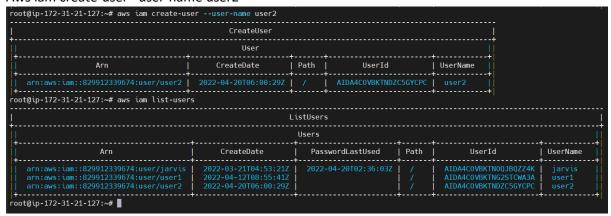
Create s3 full acess role

Attach role to the instance...

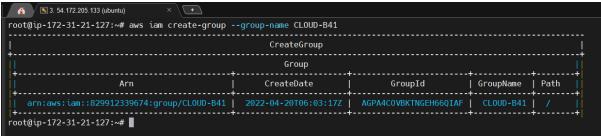
To see list os users in table formate

→ Aws configure → table

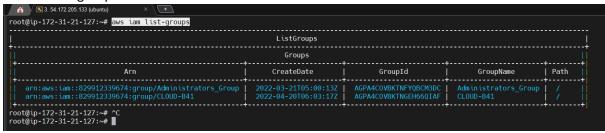
Aws iam create-user -user-name user2



Aws iam create-group -- group-name AWS_B41



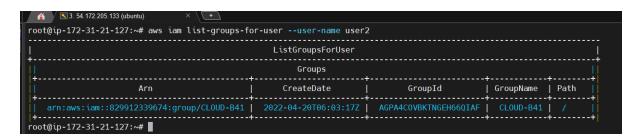
aws iam list-groups



Aws iam help {HELP}

aws iam add-user-to-group --group-name CLOUD-B41 - - user-name user2 -> user added

aws iam list-groups-for-user --user-name user2



Create IAM * full action >>

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy	IAM Policy	~

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.



You added the following statements. Click the button below to Generate a policy.

Effect	Action	Resource	Conditions
Allow	*	*	None

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.



Copy cli and paste in awscli →

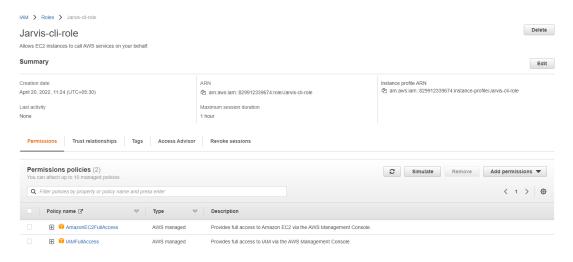
Vim policy.py {we can create policy file copy & paste } need json code

How to create policy via aws cli

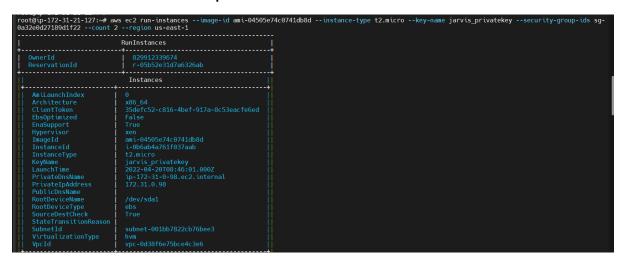
aws iam create-policy --policy-name jarvis_S3_Full --policy-document file://policy.py

aws iam attach-group-policy --group-name CLOUD-B41 --policy-arn
arn:aws:iam::829912339674:policy/jarvis_S3_Full
..... policy attached to the group, we can on console or cli through
To show attached group policies -->
aws iam list-attached-group-policies --group-name CLOUD-B41

1. Create Instance through aws cli



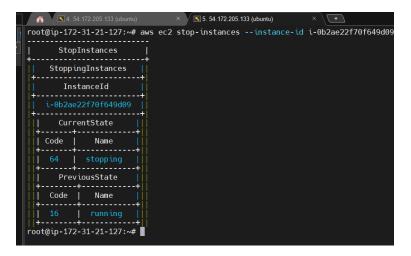
- → Instance is availability zone specific
- → Aws ec2 run-instances help



aws ec2 run-instances --image-id ami-04505e74c0741db8d --instance-type t2.micro --key-name jarvis_privatekey --security-group-ids sg-0a32e0d27189d1f22 --count 2 --region us-east-1

→ For terminating we have to give instance name

aws ec2 stop-instances --instance-id i-0b2ae22f70f649d09



aws ec2 terminate-instances --instance-id i-0b2ae22f70f649d09

