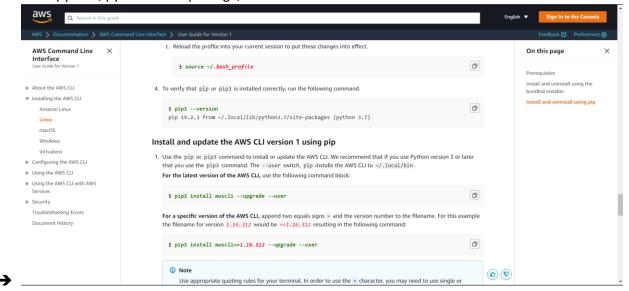
→ Need python, python-index package, then we can download awscli



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
 % 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:~$
```

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

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

Source-source ~/.bash\_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,p-3.1.2

Domiloading rsad-8,p-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,p-80.10

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)

Requirement already satisfied: PyYAML-5.5,p-32.10 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,p-8-7.1

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

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

Collecting potocore=1.24.43

Domiloading pipspath-1.0-0-py3-none-any.whl (28 KB)

Collecting imespath-2.0-0,p-8-7.1

Domiloading python-dateutil-3.0-0,p-2.1

Domiloading python-dateutil-3.0-0,p-2.1

Domiloading python dateutil-3.0-0,p-2.1

Domiloading python
```

Aws iam help

aws iam list-users

Create s3 full acess role

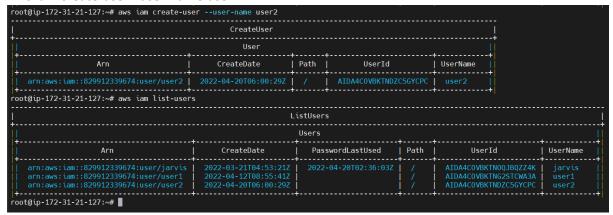
Attach role to the instance...

To see list os users in table formate

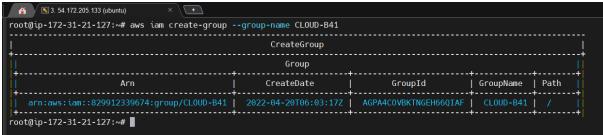
→ Aws configure → table

```
| CreateDate | PasswordLastUsed | Path | UserId | UserName | arn:aws:iam::829912339674:user/jarvis | 2022-04-12T08:55:41Z | 2022-04-20T02:36:03Z | AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | jarvis | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | arn:aws:iam::829912339674:user/user1 | 2022-04-12T08:55:41Z | / AIDA4COVBKTNOQJBQZZ4K | arn:aws:iam::829912339674:user/user1 | / AIDA4COVBKTNOQJBQZZ4K | AIDA4
```

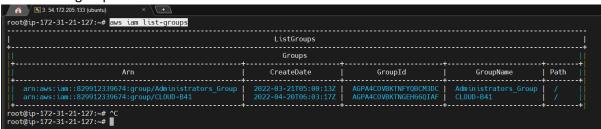
#### Aws iam create-user -user-name user2



## Aws iam create-group - -group-name AWS\_B41

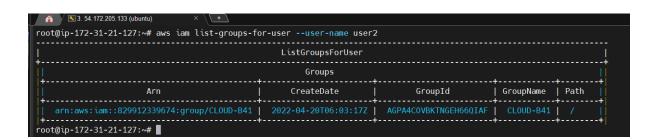


## aws iam list-groups

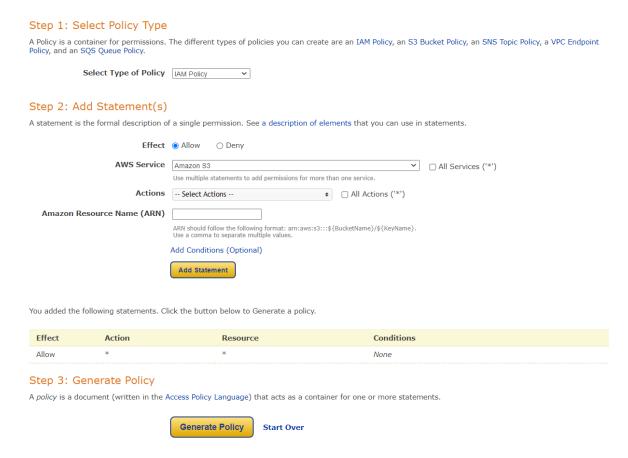


## Aws iam help {HELP}

aws iam add-user-to-group --group-name **CLOUD-B41** - - user-name **abhi** -> **user added**aws iam list-groups-for-user --user-name user2



#### Create IAM \* full action >>



## Copy cli and paste in awscli ->

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

```
"Version": "2012-10-17",

"Statement": [
{
    "Sid": "Stmt1650437286818",
    "Action": "*",
    "Effect": "Allow",
    "Resource": "*"
}
]
```

### 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

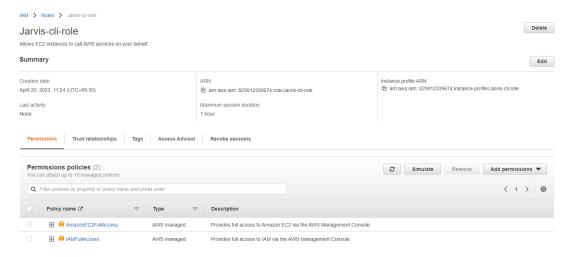
.... policy attached to the group, we can on console or cli through

To show attached group policies →

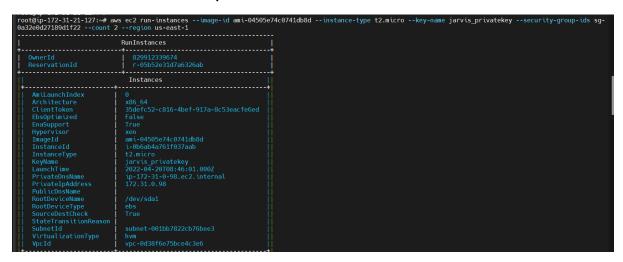
.....

aws iam list-attached-group-policies --group-name CLOUD-B41

### 1. Create Instance through aws cli



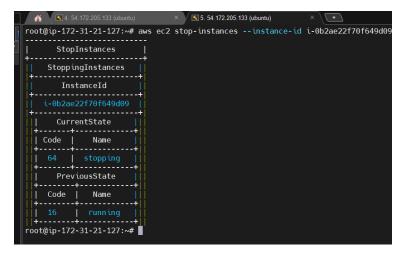
- → Instance is availability zone specific
- → Aws ec2 run-instances help



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

