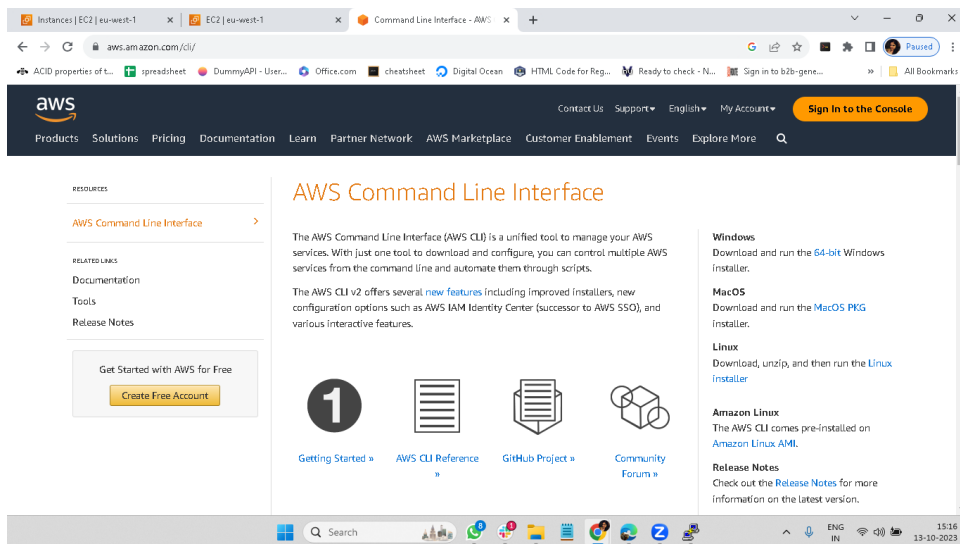


Open putty

AWS CLI



curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o "awscliv2.zip"

ls

Sudo apt update

```
ubuntu@ip-10-0-11-249:~$ curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o "awscliv2.zip"
  % Total    % Received % Xferd  Average Speed   Time    Time     Time
                                Dload  Upload   Total   Spent    Left  Speed
100 55.9M 100 55.9M    0     0 110M      0 --:--:-- --:--:-- --:--:-- 110M
ubuntu@ip-10-0-11-249:~$ ls
awscliv2.zip
ubuntu@ip-10-0-11-249:~$ sudo apt update
```

Sudo apt install unzip

```
ubuntu@ip-10-0-11-249:~$ sudo apt update
Get:1 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:2 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:3 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:4 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:5 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:6 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1052 kB]
Get:7 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [234 kB]
Get:8 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [16.0 kB]
Get:9 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [974 kB]
Get:10 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [157 kB]
Get:11 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [532 B]
Get:12 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [217 kB]
Get:13 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.0 kB]
Get:14 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [41.6 kB]
Get:15 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [9768 B]
Get:16 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:17 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [41.7 kB]
Get:18 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [10.5 kB]
Get:19 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:20 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:21 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.4 kB]
Get:22 http://eu-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [640 B]
Get:23 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [856 kB]
Get:24 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [175 kB]
Get:25 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11.4 kB]
Get:26 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [363 kB]
Get:27 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [154 kB]
Get:28 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [532 B]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [709 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [145 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.7 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [36.5 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7060 B]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 27.7 MB in 5s (5581 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
134 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-10-0-11-249:~$ sudo apt install unzip
```

unzip awscliv2.zip

Ls

```
ubuntu@ip-10-0-11-249:~$ ls
creating: aws/dist/docutils/writers/s5_html/themes/small-black/
creating: aws/dist/docutils/writers/s5_html/themes/small-white/
inflating: aws/dist/docutils/writers/s5_html/themes/README.txt
inflating: aws/dist/docutils/writers/s5_html/themes/medium-white/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/medium-white/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/big-black/_base_
inflating: aws/dist/docutils/writers/s5_html/themes/big-black/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/big-black/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/medium-black/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/medium-black/_base_
inflating: aws/dist/docutils/writers/s5_html/themes/default/outline.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/slide.js
inflating: aws/dist/docutils/writers/s5_html/themes/default/print.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/outline.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/slide.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/default/s5-core.css
inflating: aws/dist/docutils/writers/s5_html/themes/small-black/_base_
inflating: aws/dist/docutils/writers/s5_html/themes/small-black/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/big-white/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/big-white/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/small-white/pretty.css
inflating: aws/dist/docutils/writers/html5_polyglot/responsive.css
inflating: aws/dist/docutils/writers/html5_polyglot/tufsig.css
inflating: aws/dist/docutils/writers/html5_polyglot/plain.css
inflating: aws/dist/docutils/writers/html5_polyglot/mimel.css
inflating: aws/dist/docutils/writers/html5_polyglot/math.css
inflating: aws/dist/docutils/writers/html5_polyglot/template.txt
inflating: aws/dist/docutils/writers/latex2e/citestyle.tex
inflating: aws/dist/docutils/writers/latex2e/default.tex
inflating: aws/dist/docutils/writers/latex2e/citingspage.tex
inflating: aws/dist/docutils/writers/latex2e/docutils.sty
inflating: aws/dist/docutils/writers/latex2e/docutils.tex
inflating: aws/dist/docutils/writers/html4css1/html4css1.css
inflating: aws/dist/docutils/writers/html4css1/template.txt
inflating: aws/dist/docutils/writers/pep_html/pep.css
inflating: aws/dist/docutils/writers/pep_html/pep.css
inflating: aws/dist/docutils/writers/odf_odt/styles.odt
ubuntu@ip-10-0-11-249:~$ ls
aws
awscliv2.zip
ubuntu@ip-10-0-11-249:~$
```

Ls

```
Sudo ./install
```

Aws –version

Aws s3 ls

Aws config

```
ubuntu@ip-10-0-11-249: ~/$ aws
usage: aws [options] <command> [<subcommand>] [<subcommand> ...] [parameters]
To see help text, you can run:

    aws help
    aws <command> help
    aws <command> <subcommand> help

aws: error: the following arguments are required: command

ubuntu@ip-10-0-11-249:~/$ aws --version
aws-cli/2.13.26 Python/3.11.6 Linux/5.19.0-1025-aws exe/x86_64.ubuntu.22 prompt/off
ubuntu@ip-10-0-11-249:~/$ aws s3 ls
Unable to locate credentials. You can configure credentials by running "aws configure".
ubuntu@ip-10-0-11-249:~/$ aws configure
AWS Access Key ID [None]: AKIAVDQONUT34V7THEHL
AWS Secret Access Key [None]: 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
Default region name [None]: eu-west-1
Default output format [None]:
ubuntu@ip-10-0-11-249:~/$ aws s3 ls | grep nw
2023-09-29 11:04:07 a-nw-animesh
2023-09-29 11:04:28 a-nw-arun
2023-10-03 07:19:23 a-nw-astha
2023-09-29 11:15:43 a-nw-bhavna
2023-10-03 06:31:19 a-nw-harsh
2023-09-29 11:04:02 a-nw-krunal
2023-09-29 11:04:14 a-nw-leela
2023-09-29 11:03:05 a-nw-lisa
2023-09-29 11:04:22 a-nw-mayank
2023-09-29 11:04:08 a-nw-nimanshi
2023-09-29 11:04:09 a-nw-nishant
2023-09-29 11:04:11 a-nw-padmakar
2023-09-29 10:58:55 a-nw-preeti
2023-10-04 07:25:20 a-nw-saloni
2023-09-29 11:12:52 a-nw-sushmitha
2023-09-29 11:04:08 a-nw-vaibhavi
2023-10-03 09:25:35 a-nw-vignesh
2023-09-29 11:11:22 ankur-ray-nw
2023-10-10 05:52:08 a-nw-divya
2023-10-13 08:05:35 nw-krunals-data
2023-09-29 11:16:11 p-nw-moni
ubuntu@ip-10-0-11-249:~/$ aws
```

Aws s3 mb s3://nw-nishant-cli (Create s3 bucket)

Aws s3 ls | grep nw

```
ubuntu@ip-10-0-11-249:~/$ aws
2023-10-13 08:03:35 nw-krunals-data
2023-09-29 11:16:11 p-nw-moni
ubuntu@ip-10-0-11-249:~/$ aws s3 mb s3://nw-nishant-cli
make_bucket: nw-nishant-cli
ubuntu@ip-10-0-11-249:~/$ aws s3 ls | grep nw
2023-09-29 11:04:07 a-nw-animesh
2023-09-29 11:04:28 a-nw-arun
2023-10-03 07:19:23 a-nw-astha
2023-09-29 11:15:43 a-nw-bhavna
2023-10-03 06:31:19 a-nw-harsh
2023-09-29 11:04:02 a-nw-krunal
2023-09-29 11:04:14 a-nw-leela
2023-09-29 11:03:05 a-nw-lisa
2023-09-29 11:04:22 a-nw-mayank
2023-09-29 11:04:08 a-nw-nimanshi
2023-09-29 11:04:09 a-nw-nishant
2023-09-29 11:04:11 a-nw-padmakar
2023-09-29 10:58:55 a-nw-preeti
2023-10-04 07:25:20 a-nw-saloni
2023-09-29 11:12:52 a-nw-sushmitha
2023-09-29 11:04:08 a-nw-vaibhavi
2023-10-03 09:25:35 a-nw-vignesh
2023-09-29 11:11:22 ankur-ray-nw
2023-10-13 10:15:53 nw-animesh-cli
2023-10-13 10:13:21 nw-arun-cli
2023-10-13 10:13:28 nw-arun-cli
2023-10-13 10:13:24 nw-bhavna-cli
2023-10-13 10:13:59 nw-divya-cli
2023-10-10 05:52:08 nw-divya
2023-10-13 08:05:35 nw-krunals-data
2023-10-13 10:13:36 nw-leela-cli
2023-10-13 10:13:13 nw-lisa-cli
2023-10-13 10:15:52 nw-mayank-cli
2023-10-13 10:13:22 nw-moni-cli
2023-10-13 10:14:23 nw-nimanshi-cli
2023-10-13 10:15:39 nw-nishant-cli
2023-10-13 10:15:38 nw-nishant-cli
2023-10-13 10:15:44 nw-padmakar-cli
2023-10-13 10:15:41 nw-preeti-cli
2023-10-13 10:13:39 nw-saloni-cli
2023-10-13 10:15:40 nw-sushmitha-cli
2023-10-13 10:16:17 nw-vaibhavi-cli
2023-09-29 11:16:11 p-nw-moni
ubuntu@ip-10-0-11-249:~/$ aws
```

Aws ec2 describe-instances

```
ubuntu@ip-10-0-11-249:~/$ aws
2023-09-29 11:11:22 ankur-ray-nw
2023-10-13 10:18:52 nw-animesh-cli
2023-10-13 10:18:21 nw-arun-cli
2023-10-13 10:18:28 nw-arun-cli
2023-10-13 10:13:24 nw-bhavna-cli
2023-10-13 10:13:59 nw-divya-cli
2023-10-10 08:52:08 nw-divya
2023-10-13 08:08:35 nw-krunals-data
2023-10-13 10:13:36 nw-leela-cli
2023-10-13 10:13:13 nw-lisa-cli
2023-10-13 10:15:52 nw-mayank-cli
2023-10-13 10:13:22 nw-moni-cli
2023-10-13 10:14:23 nw-nimanshi-cli
2023-10-13 10:15:38 nw-nishant-cli
2023-10-13 10:15:44 nw-padmakar-cli
2023-10-13 10:15:41 nw-preeti-cli
2023-10-13 10:13:39 nw-saloni-cli
2023-10-13 10:15:40 nw-sushmitha-cli
2023-10-13 10:16:17 nw-vaibhavi-cli
2023-09-29 11:16:11 p-nw-moni
ubuntu@ip-10-0-11-249:~/$ aws ec2 describe-instances
{
  "Reservations": [
    {
      "Groups": [],
      "Instances": [
        {
          "InstanceId": "i-099e6a00c91d48bc",
          "InstanceType": "t1.micro",
          "KeyName": "aws-ssh",
          "LaunchTime": "2023-10-13T05:55:14+00:00",
          "Monitoring": {
            "State": "disabled"
          },
          "Placement": {
            "AvailabilityZone": "eu-west-1a",
            "Group": "",
            "Tenancy": "default"
          },
          "PrivateIpAddress": "",
          "ProductCodes": []
        }
      ]
    }
  ]
}
```

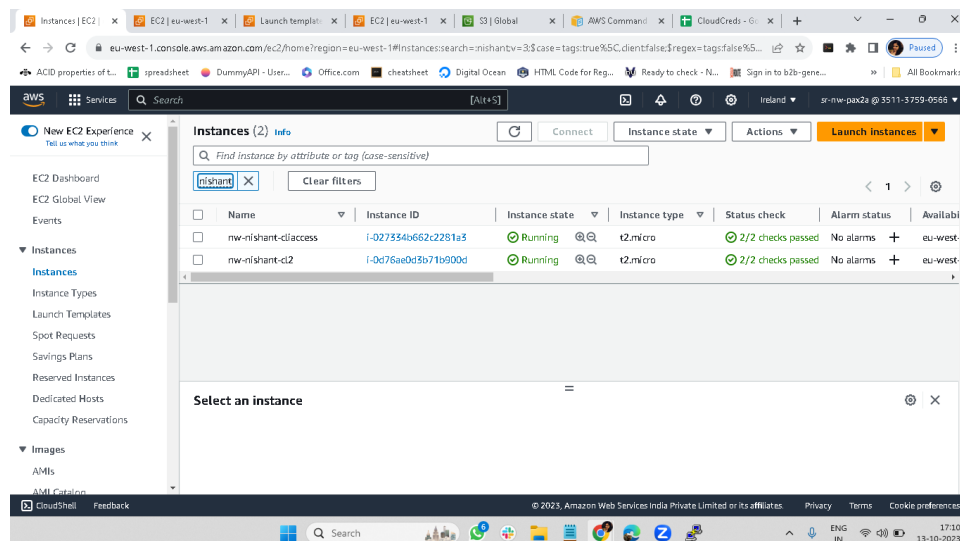
aws ec2 describe-instances --query

"Reservations[*].Instances[*].{PublicIP:PublicIpAddress,Type:InstanceType,Name:Tags[?Key=='Name']|[0].Value,Status:State.Name}" --output table >> instancetab.txt

Cat instancetab.txt

```
ubuntu@ip-10-0-11-249: ~/aws$ cat instancetab.txt
-----
DescribeInstances
-----
+-----+-----+-----+-----+-----+-----+-----+-----+
| Name | PublicIP | Status | Type |
+-----+-----+-----+-----+-----+-----+-----+-----+
| nw-nimanshi-ec2access | 34.242.50.14 | running | t2.micro |
| nw-antha-ec2access | 34.244.230.87 | running | t2.micro |
| nw-nishant-ec2access | 3.249.36.131 | running | t2.micro |
| nw-saloni-ec2access | 3.252.53.245 | running | t2.micro |
| nw-krunal-ec2access | 34.248.68.254 | running | t2.micro |
+-----+-----+-----+-----+-----+-----+-----+-----+
ubuntu@ip-10-0-11-249: ~/aws$
```

Creating new instance



/aws\$ aws ec2 run-instances --image-id ami-0721ce702706fdcb --count1 --instance-type t2.micro --key-name nw-nishant

```
ubuntu@ip-10-0-11-249: ~/$ aws
ubuntu@ip-10-0-11-249:~$ cd aws
ubuntu@ip-10-0-11-249:~/aws$ aws ec2 run-instances --image-id ami-0721ce702706dfdb --count 1 --instance-type t2.micro --key-name nw-nishant

usage: aws [options] <command> [<subcommand> [<subcommand> ...] [parameters]]
To see help text, you can run:

    aws help
    aws <command> help
    aws <command> <subcommand> help

Unknown options: --count 1

ubuntu@ip-10-0-11-249:~/aws$ aws ec2 run-instances --image-id ami-0721ce702706dfdb --count 1 --instance-type t2.micro --key-name nw-nishant
{
  "Groups": [],
  "Instances": [
    {
      "AmiLaunchIndex": 0,
      "ImageId": "ami-0721ce702706dfdb",
      "InstanceId": "i-0d76ae0d3b71b900d",
      "InstanceType": "t2.micro",
      "KeyName": "nw-nishant",
      "LaunchTime": "2023-10-13T11:36:16+00:00",
      "Monitoring": {
        "State": "disabled"
      },
      "Placement": {
        "AvailabilityZone": "eu-west-1a",
        "GroupName": "",
        "Tenancy": "default"
      },
      "PrivateDnsName": "ip-172-31-16-62.eu-west-1.compute.internal",
      "PrivateIpAddress": "172.31.16.62",
      "ProductCodes": [],
      "PublicDnsName": "",
      "State": {
        "Code": 0,
        "Name": "pending"
      },
      "StateTransitionReason": "",
      "SubnetId": "subnet-10521a58",
      "VpcId": "vpc-78505f1f",
      "Architecture": "x86_64",
      "BlockDeviceMappings": [
        {
          "DeviceName": "/dev/sda1",
          "Ebs": {
            "VolumeId": "vol-027334b662c2281a3"
          }
        }
      ],
      "ClientToken": "39828669-b238-4676-8131-e30a81eb6747",
      "EbsOptimized": false,
      "EnaSupport": true,
      "Hypervisor": "xen",
      "NetworkInterfaces": [
        {
          "Attachment": {
            "AttachTime": "2023-10-13T11:36:16+00:00",
            "AttachmentId": "eni-attach-070eca792b2db3801",
            "DeleteOnTermination": true,
            "DeviceIndex": 0
          },
          "InterfaceId": "eni-027334b662c2281a3"
        }
      ]
    }
  ]
}
```

Now deleting instances

aws ec2 terminate-instances --instance-ids i-0d76ae0d3b71b900d i-027334b662c2281a3

```
ubuntu@ip-10-0-11-249: ~/$ aws
ubuntu@ip-10-0-11-249:~$ cd aws
ubuntu@ip-10-0-11-249:~/aws$ aws ec2 terminate-instances --instance-ids i-0d76ae0d3b71b900d i-027334b662c2281a3
{
  "TerminatingInstances": [
    {
      "CurrentState": {
        "Code": 32,
        "Name": "shutting-down"
      },
      "InstanceId": "i-0d76ae0d3b71b900d",
      "PreviousState": {
        "Code": 16,
        "Name": "running"
      }
    },
    {
      "CurrentState": {
        "Code": 32,
        "Name": "shutting-down"
      },
      "InstanceId": "i-027334b662c2281a3",
      "PreviousState": {
        "Code": 16,
        "Name": "running"
      }
    }
  ]
}
```

```
ubuntu@ip-10-0-11-249: ~/$ aws
ubuntu@ip-10-0-11-249:~$ cd aws
ubuntu@ip-10-0-11-249:~/aws$ aws ec2 terminate-instances --instance-ids i-0d76ae0d3b71b900d i-027334b662c2281a3
{
  "TerminatingInstances": [
    {
      "CurrentState": {
        "Code": 32,
        "Name": "shutting-down"
      },
      "InstanceId": "i-0d76ae0d3b71b900d",
      "PreviousState": {
        "Code": 16,
        "Name": "running"
      }
    },
    {
      "CurrentState": {
        "Code": 32,
        "Name": "shutting-down"
      },
      "InstanceId": "i-027334b662c2281a3",
      "PreviousState": {
        "Code": 16,
        "Name": "running"
      }
    }
  ]
}
```



