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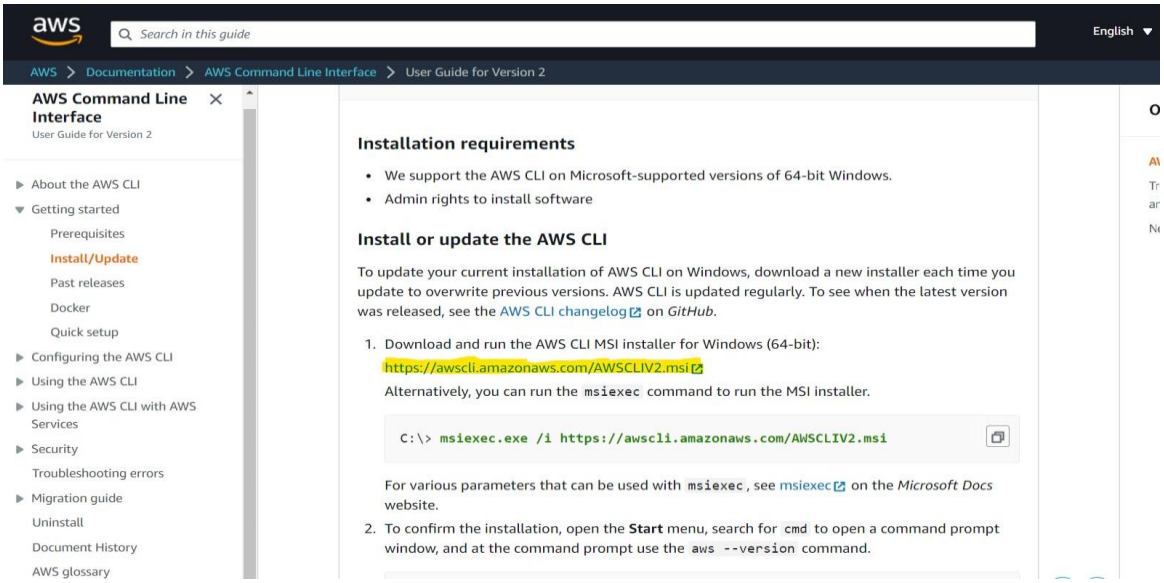
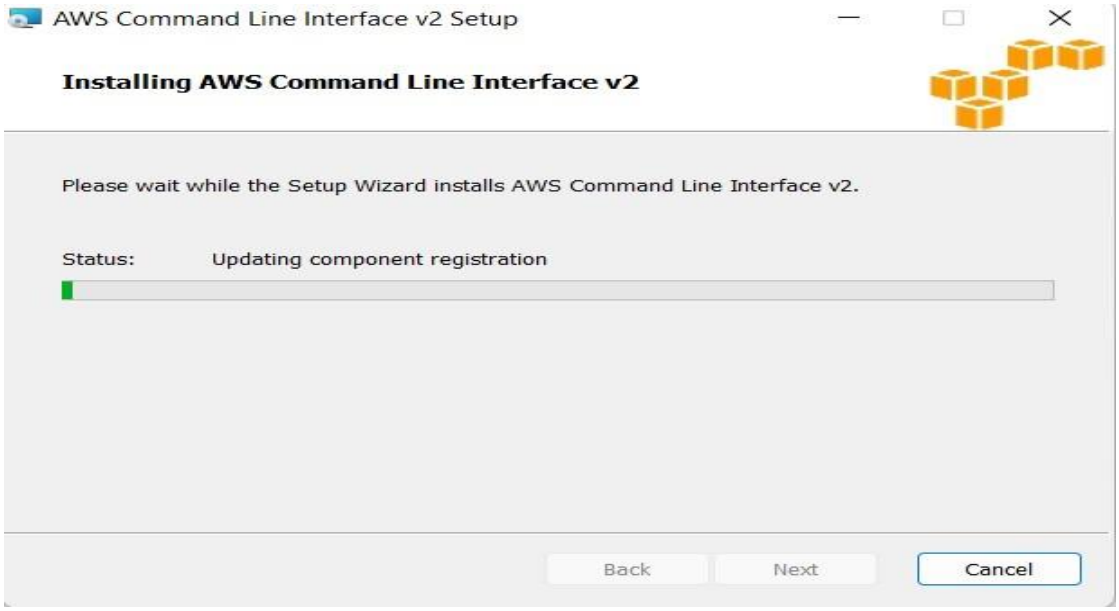
AIM: Install and Learn using AWS CLI

Installing AWS CLI

Download AWS CLI from the link highlighted below as shown



Install AWS CLI in PC



1. **AWS - -version**

This helps us login into AWS CLI which is a command line interpreter by which we can execute some AWS CLI commands. And here is **aws - -version** which helps us to install AWS CLI into command prompt or powershell in windows.

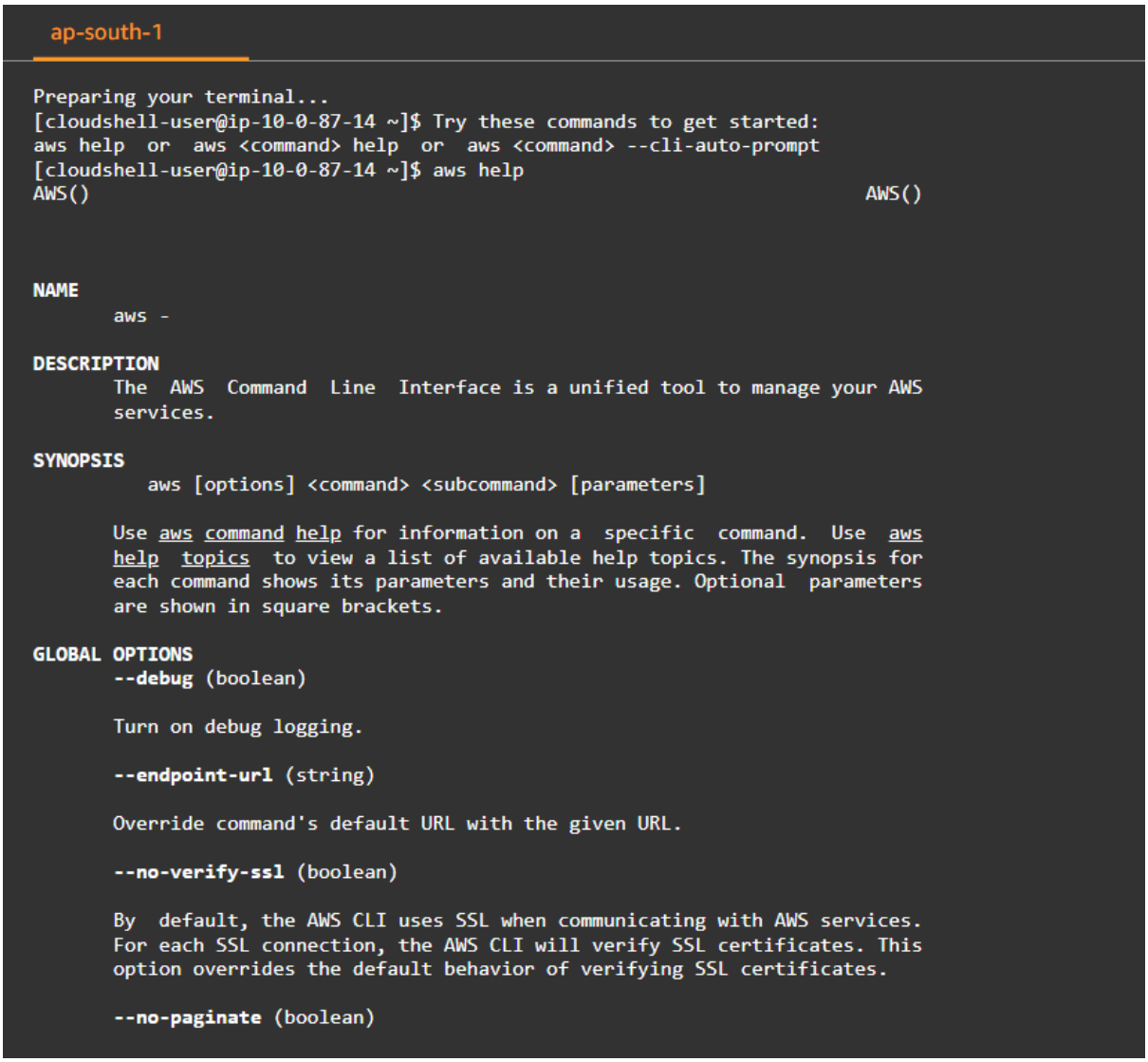
```
[cloudshell-user@ip-10-0-87-14 ~]$ aws --version
aws-cli/2.7.31 Python/3.9.11 Linux/4.14.287-215.504.amzn2.x86_64 exec-env/CloudShell exe/x86_64.amzn.2 prompt/off
[cloudshell-user@ip-10-0-87-14 ~]$
```

2.aws configure aws configure helps to login into our IAM user from Root user.

```
[cloudshell-user@ip-10-0-87-14 ~]$ aws configure
AWS Access Key ID [****************E4OV]: AKIA34WKOZNPQFPCE4OV
AWS Secret Access Key [****************/Cml]:
gUnIyta+/BCD4IkBjE4SYZ5YwJp7k1FlbkkrILoJDefault region name [mumbai]:
Default output format [None]:
```

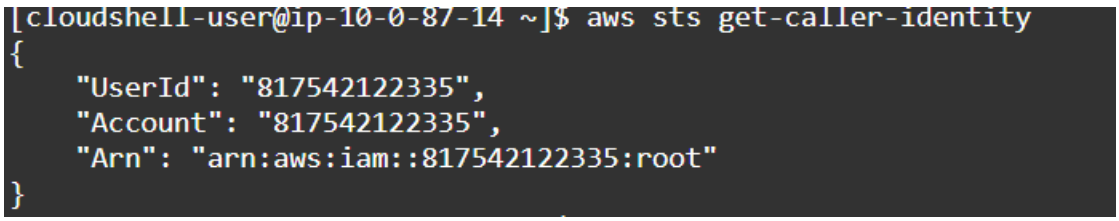
3.. Aws help

The built-in AWS CLI help command. You can get help with any command when using the AWS Command Line Interface (AWS CLI). To do so, simply type help at the end of a command name. For example, the following command displays help for the general AWS CLI options and the available top-level commands.



4. sts get-caller-identity

To get your account id using AWS CLI, run the sts get-caller-identity command, setting the --query parameter to Account to filter the output. Copied! The get-caller-identity command returns the User Id, Account Id, and the ARN of the caller



5. **aws S3 ls**

To list your buckets, folders, or objects, use the s3 ls command. Using the command without a target or options lists all buckets.

```
[cloudshell-user@ip-10-0-87-14 ~]$ aws s3 ls
2022-09-20 05:18:40 bhargavsandeep
2022-09-20 05:23:55 kancharlasandeep
```

6.**aws s3 ls bucketName**

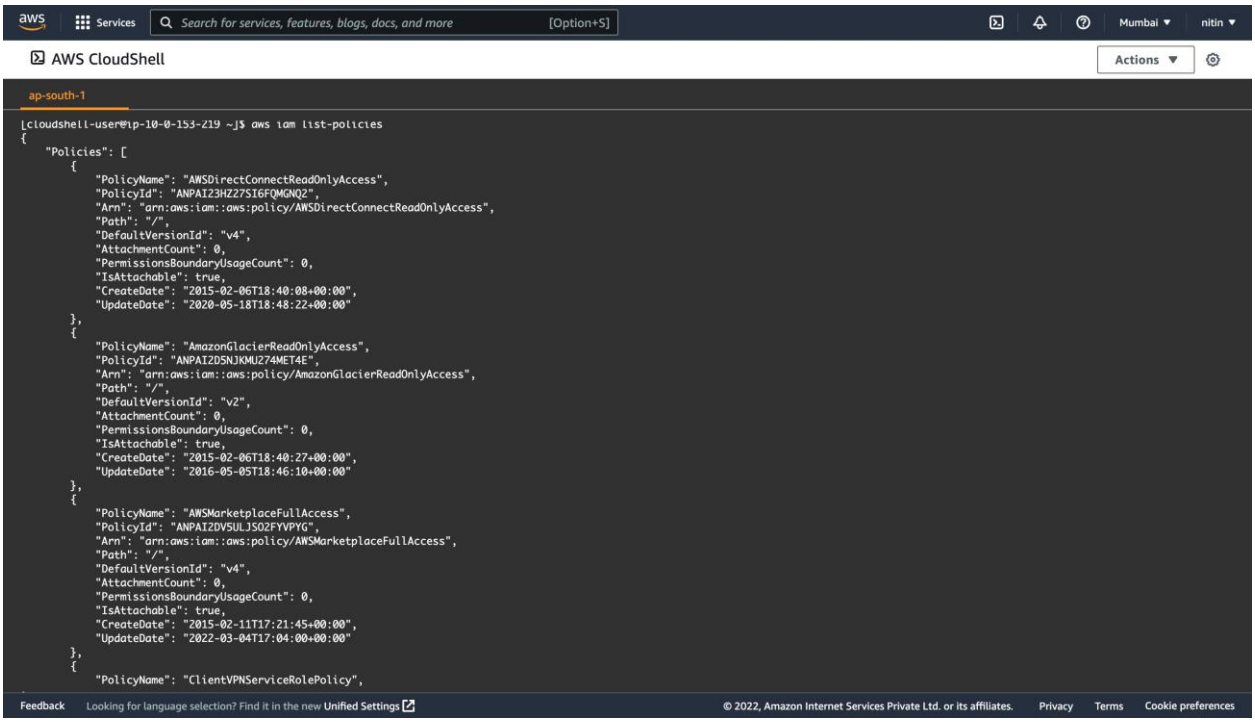
```
[cloudshell-user@ip-10-0-87-14 ~]$ aws s3 ls bhargavsandeep
2022-09-20 05:29:46     541244 angular js.pdf
```

7. aws iam list users

To list the users present in an account, use the command to get information regarding them. It will show the list of users along with their name and id.

8] aws iam list-policies

To list the policies of aws, this command is used to get the policies present in the aws account and this is used to give permissions to the newly created users.



9] delete bucket

If your bucket does not have versioning enabled, you can use the rb (remove bucket) AWS CLI command with the --force parameter to delete the bucket and all the objects in it. This command deletes all objects first and then deletes the bucket.

```
[cloudshell-user@ip-10-0-87-14 ~]$ aws s3 rb s3://bhargavsandeep --force
delete: s3://bhargavsandeep/angular js.pdf
remove_bucket: bhargavsandeep
```

10] remove file from bucket

To delete objects in a bucket or your local directory, use the s3 rm command. For a few common options to use with this command, and examples, see Frequently used options for s3 commands. For a complete list of options, see s3 rm in the AWS CLI Command Reference. The following example deletes filename

```
[cloudshell-user@ip-10-0-87-14 ~]$ aws s3 rm s3://kancharlasandeep --recursive
delete: s3://kancharlasandeep/angular js.pdf
```