

# Using AWS Student IDs

# Aws Student IDs

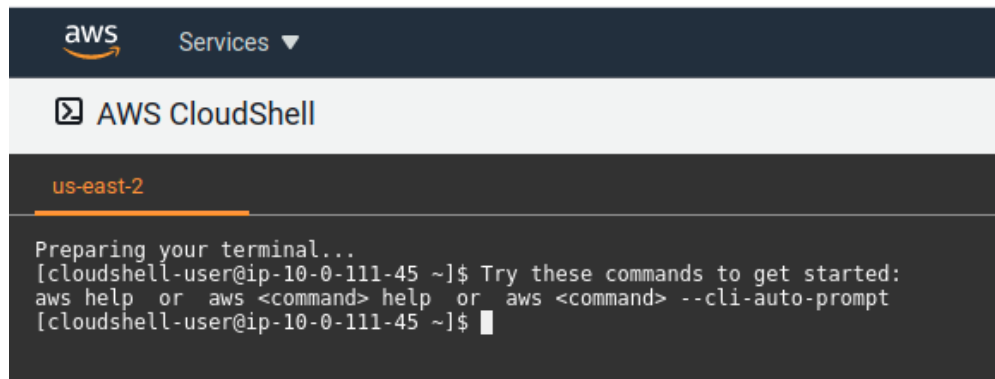
- ◆ For some classes, AWS student IDs will be provided for student's use
- ◆ These are intended to allow students to participate in class even when one of the following may be true
  - Students do not have access to an AWS account
  - Students cannot install either the CLI or Terraform due to security restrictions
- ◆ The student IDs will have limited AWS access and will be valid *only* until the end of the class.

# Logging In for Local Machine Users

- ◆ The instructor will assign each student an ID and password and the name of the domain (AWS account) in which the ID is valid
  - You are not required to use this ID
  - If you can set up your local machine and have an AWS account, that is the preferred option
- ◆ Once you log-in, you can download the security credentials if you are using terraform on your local machine
- ◆ The rest of the instructions for setting up terraform now can be followed

# For Students with no Local Terraform or CLI

- ◆ In this case, you can use the *AWS CloudShell* which is available from the services menu
  - CloudShell is not available in every region
  - You should go to the region "Ohio" or "us-east-2" before starting the shell
  - The class work will be done in this region
  - Your session should persist between logins
- ◆ When you start CloudShell, you should see the following
  - It may take a while to start the shell



```
aws Services ▼  
AWS CloudShell  
us-east-2  
Preparing your terminal...  
[cloudshell-user@ip-10-0-111-45 ~]$ Try these commands to get started:  
aws help or aws <command> help or aws <command> --cli-auto-prompt  
[cloudshell-user@ip-10-0-111-45 ~]$
```

# Installing Terraform

- ◆ To install terraform, go to the terraform download page and copy the 64bit Linux download link
  - Download it into your shell using *wget*
  - Unzip it
  - Create a directory *bin* and move the executable to *bin*
  - Run *terraform version* to ensure it is installed correctly

```
[cloudshell-user@ip-10-0-111-45 ~]$ mkdir bin
[cloudshell-user@ip-10-0-111-45 ~]$ wget "https://releases.hashicorp.com/terraform/0.15.4/terraform_0.15.4_linux_amd64.zip"
--2021-05-30 21:52:57-- https://releases.hashicorp.com/terraform/0.15.4/terraform_0.15.4_linux_amd64.zip
Resolving releases.hashicorp.com (releases.hashicorp.com)... 199.232.65.183, 2a04:4e42:2f::439
Connecting to releases.hashicorp.com (releases.hashicorp.com)|199.232.65.183|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 33028202 (31M) [application/zip]
Saving to: 'terraform_0.15.4_linux_amd64.zip'

100%[=====
2021-05-30 21:52:58 (47.3 MB/s) - 'terraform_0.15.4_linux_amd64.zip' saved [33028202/33028202]

[cloudshell-user@ip-10-0-111-45 ~]$ unzip *zip
Archive:  terraform_0.15.4_linux_amd64.zip
  inflating: terraform
[cloudshell-user@ip-10-0-111-45 ~]$ mv terraform bin
[cloudshell-user@ip-10-0-111-45 ~]$ terraform version
Terraform v0.15.4
on linux_amd64
```