

AAISIG | AWS Cloud Computing Workshop | Close-Up Guide



AY 2023/2024 | 21 July 2023 | Workshop Taught By: Luke Thomas Lim



| Guide Prepared By: Poh Jie Ren Luke 🐻

! IMPORTANT NOTES - PLEASE READ!!:

- If you did not follow the instructions regarding infrastructure destruction & account closure during the workshop, **PLEASE COMPLETE** the steps provided in this guide
- If throughout the workshop you did not actually provision anything using **terraform apply**,
 - Then technically no infrastructure to destroy → ∴ No charges incurred → ∴ Can close your account
- If you had received an error when using **terraform apply** → no infrastructure is made.
 - Apply means to take the configuration and provision it on the cloud.
 - Error = No infrastructure made | No errors = Infrastructure made

▼ Destroy Infrastructure



This section will detail the destruction of instruction provisioned by **Terraform**

1. Ensure that your Command Prompt is navigated to your **project_a** folder

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1992]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Nigel Lim>cd Documents
C:\Users\Nigel Lim\Documents>cd ctec_codes_final
C:\Users\Nigel Lim\Documents\ctec_codes_final>cd project_a
C:\Users\Nigel Lim\Documents\ctec_codes_final\project_a>
```

2. Input the command **terraform destroy**

```

Microsoft Windows [Version 10.0.22621.1992]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Nigel Lim>cd Documents

C:\Users\Nigel Lim\Documents>cd ctec_codes_final

C:\Users\Nigel Lim\Documents\ctec_codes_final>cd project_a

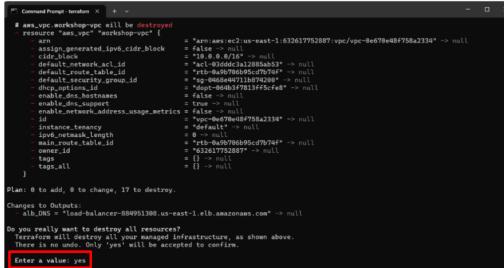
C:\Users\Nigel Lim\Documents\ctec_codes_final\project_a>terraform destroy

```

3. THERE ARE 2 DIFFERENT SETS OF STEPS TO TAKE DEPENDING ON THE STATE OF YOUR INFRASTRUCTURE

OUTCOME 1 - IF YOU STILL HAVE INFRASTRUCTURE TO DESTROY

- If prompted, input “yes” to confirm the infrastructure destruction



```

Command Prompt: iteration > ~
# aaws_vpc.workshop-vpc will be destroyed
resource "aws_vpc" "workshop-vpc" {
  assign_generated_ipv6_cidr_block = true
  cidr_block                       = "10.0.0.0/16"
  default_network_acl_id           = "acl-0560dc41a12858a53"
  enable_dhcp_options_on_new_associations = false
  default_security_group_id        = "sg-04664047110f742d9"
  enable_dns_hostnames             = false
  enable_ip_address_allocation_type = "random"
  enable_ip_address_metrics       = false
  instance_tenancy                 = "standard"
  ipv6_maximum_prefix_length       = 128
  max_azs                           = 2
  owner_id                          = "12345678901234567890"
  tags_all                          = {}
}

Plan: 0 to add, 0 to change, 17 to destroy.

Changes to Outputs:
  alb.arn = "arn:aws:elasticloadbalancer:us-east-1:123456789012:elb.amazonaws.com"

Outputs:
  None

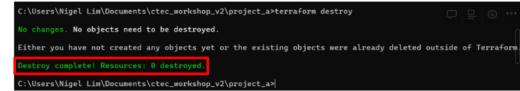
Do you really want to destroy all resources?
Terraform will destroy all your managed infrastructure, as shown above.
There is no undo. Only 'yes' will be accepted to confirm.

Enter a value: yes

```

OUTCOME 2 - IF YOU HAVE NO INFRASTRUCTURE TO DESTROY

- 4. If you receive this message in the Command Prompt, you have no infrastructure provisioned in the first place, and therefore no infrastructure to destroy



```

C:\Users\Nigel Lim\Documents\ctec_workshop_v2\project_a>terraform destroy
No changes: No objects need to be destroyed.

Destroy complete! Resources: 0 destroyed.

C:\Users\Nigel Lim\Documents\ctec_workshop_v2\project_a>

```

- If you have received this success message, you have completely destroyed all infrastructure related to the project

4. NOTE: THE STEPS ABOVE DETAIL THE INFRASTRUCTURE DESTRUCTION FOR A SINGLE PROJECT ONLY - project_a in this case

If you also want to destroy infrastructure from another individual project (e.g. project_b), repeat the above steps but navigate Command Prompt to the other project instead (navigate Command Prompt to project_b).

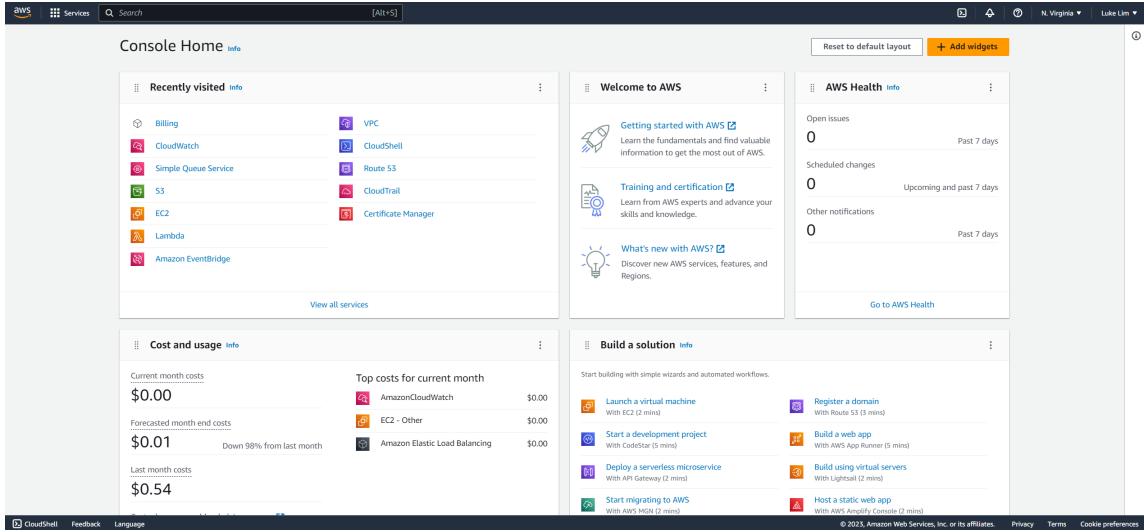
▼ Closure of Account



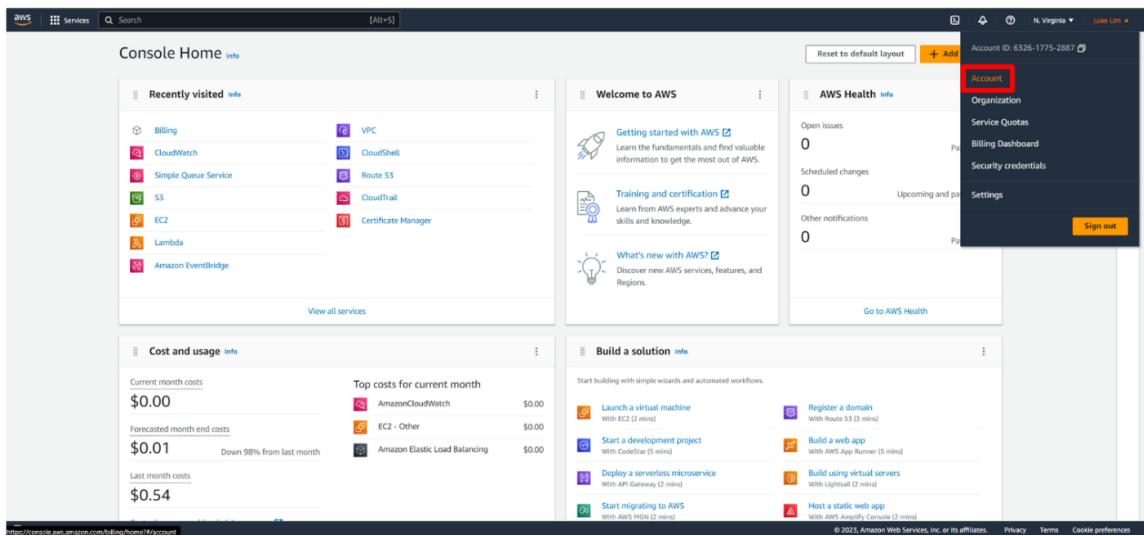
This section details the closure of an AWS Account

- Ensure that all infrastructure is destroyed before closing your account
(Refer to the Infrastructure Destruction steps above)
 - Infrastructure that is still running after account closure will continue to charge your account

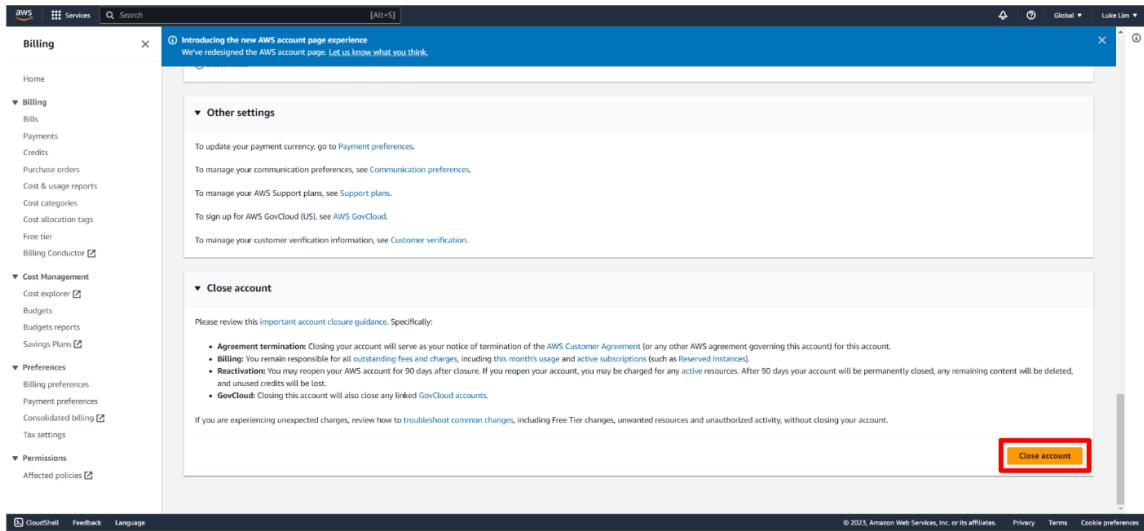
1. Log into your AWS Account and navigate to the **Home Page**



2. Click the top right hand corner of the console and select **Account**



3. Under **Account**, scroll to the bottom of the page, select **Close Account**



4. After confirming the prompt, your account should be successfully deleted.