

INFRA CRIADA COM O CODIGO PURO

Terraform plan

```
Prompt de comando x + v

+ vpc_id = (known after apply)
}

# module.network.aws_vpc.vpc will be created
+ resource "aws_vpc" "vpc" {
+   arn = (known after apply)
+   cidr_block = "10.0.0.0/16"
+   default_network_acl_id = (known after apply)
+   default_route_table_id = (known after apply)
+   default_security_group_id = (known after apply)
+   dhcp_options_id = (known after apply)
+   enable_classiclink = (known after apply)
+   enable_classiclink_dns_support = (known after apply)
+   enable_dns_hostnames = true
+   enable_dns_support = true
+   enable_network_address_usage_metrics = (known after apply)
+   id = (known after apply)
+   instance_tenancy = "default"
+   ipv6_association_id = (known after apply)
+   ipv6_cidr_block = (known after apply)
+   ipv6_cidr_block_network_border_group = (known after apply)
+   main_route_table_id = (known after apply)
+   owner_id = (known after apply)
+   tags_all = (known after apply)
+ }

Plan: 22 to add, 0 to change, 0 to destroy.

Saved the plan to: tfplan

To perform exactly these actions, run the following command to apply:
    terraform apply "tfplan"
```

Terraform apply

```
Prompt de comando x + v

module.database.aws_db_instance.rds_dbinstance: Still creating... [4m0s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m10s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m20s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m30s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m0s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m10s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m20s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m30s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m1s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m11s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m21s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m31s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m41s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [6m51s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [7m1s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [7m11s elapsed]
module.database.aws_db_instance.rds_dbinstance: Creation complete after 7m18s [id=rds-notifier]
module.compute.data.template_file.user_data: Reading...
module.compute.data.template_file.user_data: Read complete after 0s [id=280f8d3af1a786ce8b4801dd79cb07e6bd70cc7e965877941f4c2c14889cf82e]
module.compute.aws_launch_template.ec2_lt: Creating...
module.compute.aws_launch_template.ec2_lt: Creation complete after 1s [id=lt-05e734e770eeca8c4]
module.compute.aws_autoscaling_group.ec2_asg: Creating...
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [10s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [20s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [30s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [40s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [50s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Creation complete after 56s [id=ec2-asg-notifier]

Apply complete! Resources: 22 added, 0 changed, 0 destroyed.
```

Terraform Show

```

}
# module.database.aws_db_instance.rds_dbinstance:
resource "aws_db_instance" "rds_dbinstance" {
  address                               = "rds-notifier.c0vywd7uywwj.us-east-1.rds.amazonaws.com"
  allocated_storage                     = 20
  apply_immediately                     = false
  arn                                   = "arn:aws:rds:us-east-1:105262059243:db:rds-notifier"
  auto_minor_version_upgrade           = true
  availability_zone                     = "us-east-1c"
  backup_retention_period                = 0
  backup_window                         = "09:58-10:28"
  ca_cert_identifier                    = "rds-ca-2019"
  copy_tags_to_snapshot                 = false
  customer_owned_ip_enabled             = false
  db_name                               = "rdsdbnotifier"
  db_subnet_group_name                 = "rds-sg-group-notifier"
  delete_automated_backups              = true
  deletion_protection                   = false
  endpoint                             = "rds-notifier.c0vywd7uywwj.us-east-1.rds.amazonaws.com:3306"
  engine                               = "mysql"
  engine_version                       = "8.0.23"
  engine_version_actual                 = "8.0.23"
  hosted_zone_id                       = "Z2R2ITUGPM61AM"
  iam_database_authentication_enabled   = false
  id                                    = "rds-notifier"
  identifier                            = "rds-notifier"
  instance_class                       = "db.t2.micro"
  iops                                  = 0
  license_model                         = "general-public-license"
  listener_endpoint                     = []
  maintenance_window                   = "wed:03:27-wed:03:57"
  master_user_secret                    = []
  max_allocated_storage                 = 0
  monitoring_interval                   = 0
  multi_az                             = false
}
```

Infraestrutura com o código do titio

ec2-lb-notifier-2048668653.us-east-1.elb.amazonaws.com/index.php

Portal do Aluno - F... Nano Courses Tinkercad Net Academy AWS Academy GitHub Microsoft Teams VMware ChatGPT

Add Contact

Name

Cellphone

Add

Contact List

id	Name	Cellphone
1	Mateus Tenório	11979593344

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INFRA CRIADA COM O CODIGO EDITADO

Terraform plan

```
Prompt de comando

+ id = (known after apply)
+ ipv6_cidr_block_association_id = (known after apply)
+ ipv6_native = false
+ map_public_ip_on_launch = true
+ owner_id = (known after apply)
+ private_dns_hostname_type_on_launch = (known after apply)
+ tags_all = (known after apply)
+ vpc_id = (known after apply)
}

# module.network.aws_vpc.vpc will be created
+ resource "aws_vpc" "vpc" {
  + arn = (known after apply)
  + cidr_block = "30.0.0.0/16"
  + default_network_acl_id = (known after apply)
  + default_route_table_id = (known after apply)
  + default_security_group_id = (known after apply)
  + dhcp_options_id = (known after apply)
  + enable_classiclink = (known after apply)
  + enable_classiclink_dns_support = (known after apply)
  + enable_dns_hostnames = true
  + enable_dns_support = true
  + enable_network_address_usage_metrics = (known after apply)
  + id = (known after apply)
  + instance_tenancy = "default"
  + ipv6_association_id = (known after apply)
  + ipv6_cidr_block = (known after apply)
  + ipv6_cidr_block_network_border_group = (known after apply)
  + main_route_table_id = (known after apply)
  + owner_id = (known after apply)
  + tags_all = (known after apply)
}

Plan: 21 to add, 0 to change, 0 to destroy.
```

Terraform apply

```
Prompt de comando

module.database.aws_db_instance.rds_dbinstance: Still creating... [2m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [2m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m0s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m10s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m20s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m30s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [3m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m0s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m10s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m20s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m30s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [4m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m0s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m10s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m20s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m30s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m40s elapsed]
module.database.aws_db_instance.rds_dbinstance: Still creating... [5m50s elapsed]
module.database.aws_db_instance.rds_dbinstance: Creation complete after 5m51s [id=rds-mateus]
module.compute.data.template.file.user.data: Reading...
module.compute.data.template.file.user.data: Read complete after 0s [id=eefec3c6dada8bd993dbe9f56f08ad4d091de04da0bad93d8775fcbdb174cbefb]
module.compute.aws_launch_template.ec2_lt: Creating...
module.compute.aws_launch_template.ec2_lt: Creation complete after 2s [id=lt-01c73d4e445a4bd46]
module.compute.aws_autoscaling_group.ec2_asg: Creating...
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [10s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [20s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [30s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Still creating... [40s elapsed]
module.compute.aws_autoscaling_group.ec2_asg: Creation complete after 44s [id=ec2-asg-mateus]

Apply complete! Resources: 21 added, 0 changed, 0 destroyed.

C:\Users\mateu\Documents\FIAP\Infra as code\CP3\app-notifier\terraform>
```

Terraform Show

```
# module.compute.aws_lb.ec2_lb:
resource "aws_lb" "ec2_lb" {
  arn                                = "arn:aws:elasticloadbalancing:us-east-1:105262059243:loadbalancer/app/ec2-lb-mateus/389695fc4702b7eb"
  eb                                = "app/ec2-lb-mateus/389695fc4702b7eb"
  desync_mitigation_mode            = "defensive"
  dns_name                         = "ec2-lb-mateus-2116293655.us-east-1.elb.amazonaws.com"
  drop_invalid_header_fields       = false
  enable_cross_zone_load_balancing = true
  enable_deletion_protection       = false
  enable_http2                     = true
  enable_tls_version_and_cipher_suites = false
  enable_waf_fail_open             = false
  enable_xff_client_port           = false
  id                               = "arn:aws:elasticloadbalancing:us-east-1:105262059243:loadbalancer/app/ec2-lb-mateus/389695fc4702b7eb"
  eb                                = "app/ec2-lb-mateus/389695fc4702b7eb"
  idle_timeout                     = 60
  internal                        = false
  ip_address_type                 = "ipv4"
  load_balancer_type              = "application"
  name                           = "ec2-lb-mateus"
  preserve_host_header            = false
  security_groups                 = [
    "sg-03cce677cb882342a",
  ]
  subnets                       = [
    "subnet-00ee79304f45dd44b",
    "subnet-8d28c542a5b91c95e",
  ]
  tags_all                       = {}
  vpc_id                         = "vpc-0f29c5be77ad9f9df"
  xff_header_processing_mode      = "append"
  zone_id                       = "Z35SXDOTRQ7X7K"
```

Infraestrutura com o meu código

The screenshot shows a web browser with multiple tabs. The active tab is titled "ec2-lb-mateus-2116293655.us-east-1.elb.amazonaws.com". The browser's address bar shows the URL. Below the address bar, there are several icons for various services: Portal do Aluno - FL..., Nano Courses, Tinkercad, Net Academy, AWS Academy, GitHub, Microsoft Teams, VMware, and ChatGPT.

The main content of the page is titled "Add Contact". It features a form with two input fields: "Name" and "Cellphone". The "Name" field contains the text "Tenório" and the "Cellphone" field contains "40028922". There is a green circular icon with a white plus sign next to the "Cellphone" field. Below the form is an "Add" button.

Below the form is a section titled "Contact List". It contains a table with three columns: "id", "Name", and "Cellphone". The table is currently empty.

At the bottom of the page, there is a small text line: "All rights reserved. Please contact [Kledson Basso](#) for questions."