ees-macbook:zone1 jeesantony$ terraform init
Initializing the backend...
Initializing modules...
Initializing provider plugins...
- Reusing previous version of hashicorp/kubernetes from the dependency lock file
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/kubernetes v2.24.0
- Using previously-installed hashicorp/aws v5.29.0

│
│ **Warning: Reference to undefined provider**
│
│   on main.tf line 41, in module "vpc_west":
│   41:   aws = aws.usw1
│
│   There is no explicit declaration for local provider name "aws" in module.vpc_west, so Terraform is
│   assuming you mean to pass a configuration for "hashicorp/aws".
│
│   If you also control the child module, add a required_providers entry named "aws" with the source
│   address "hashicorp/aws".
│
│ (and 3 more similar warnings elsewhere)
│

Terraform has been successfully initialized!
You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

jees-macbook:zone1 jeesantony$ terraform apply
module.vpc_west.aws_vpc.this: Refreshing state... [id=vpc-005f29bc90b95bd93]
module.project_rds_s.aws_rds_cluster_parameter_group.cluster_pg-s: Refreshing state... [id=udacity-pg-s]
data.aws_caller_identity.current: Reading...
data.aws_ami.amazon_linux_2: Reading...
module.vpc.aws_vpc.this: Refreshing state... [id=vpc-0241b89665afc03f0]
module.project_rds_p.aws_rds_cluster_parameter_group.cluster_pg: Refreshing state... [id=udacity-pg-p]
data.aws_caller_identity.current: Read complete after 0s [id=810716384126]
data.aws_ami.amazon_linux_2: Read complete after 1s [id=ami-0bc75de602edc8f79]
module.vpc_west.aws_subnet.private[1]: Refreshing state... [id=subnet-009d69349e54099e2]
module.vpc_west.aws_subnet.private[0]: Refreshing state... [id=subnet-0642065a49bc6e889]
module.project_rds_s.aws_security_group.db_sg_2: Refreshing state... [id=sg-00ab44a851c98f245]
module.vpc.aws_subnet.private[0]: Refreshing state... [id=subnet-0415911d1af4ef711]
module.vpc.aws_subnet.private[1]: Refreshing state... [id=subnet-0fa0e58ed6ae36fce]
module.project_rds_p.aws_security_group.db_sg_1: Refreshing state... [id=sg-09391286d9657eddd]

module.project_rds_p.aws_db_subnet_group.udacity_db_subnet_group: Refreshing state... [id=udacity_db_subnet_group]
module.project_rds_s.aws_db_subnet_group.udacity_db_subnet_group: Refreshing state... [id=udacity_db_subnet_group]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Refreshing state... [id=udacity-db-cluster]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Refreshing state... [id=udacity-db-instance-0]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Refreshing state... [id=udacity-db-instance-1]
module.project_rds_s.aws_rds_cluster.udacity_cluster-s: Refreshing state... [id=udacity-db-cluster-s]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[0]: Refreshing state... [id=udacity-db-instance-0-s]

Terraform used the selected providers to generate the following execution plan. Resource actions are
indicated with the following symbols:
  + create
  ~ update in-place
-/+ destroy and then create replacement
 <= read (data resources)

Terraform will perform the following actions:
  # data.aws_eks_cluster.cluster will be read during apply
  # (config refers to values not yet known)
 <= data "aws_eks_cluster" "cluster" {
    + arn   = (known after apply)
    + certificate_authority   = (known after apply)
    + cluster_id   = (known after apply)
    + created_at   = (known after apply)
    + enabled_cluster_log_types = (known after apply)
    + endpoint   = (known after apply)
    + id   = (known after apply)

```
      + identity               = (known after apply)
      + kubernetes_network_config = (known after apply)
      + name                   = (known after apply)
      + outpost_config         = (known after apply)
      + platform_version       = (known after apply)
      + role_arn               = (known after apply)
      + status                 = (known after apply)
      + tags                   = (known after apply)
      + version                = (known after apply)
      + vpc_config             = (known after apply)
    }

  # data.aws_eks_cluster_auth.cluster will be read during apply
  # (config refers to values not yet known)
 <= data "aws_eks_cluster_auth" "cluster" {
      + id    = (known after apply)
      + name  = (known after apply)
      + token = (sensitive value)
    }

  # kubernetes_namespace.udacity will be created
  + resource "kubernetes_namespace" "udacity" {
      + id                        = (known after apply)
      + wait_for_default_service_account = false
      + metadata {
          + generation       = (known after apply)
          + name             = "udacity"
          + resource_version = (known after apply)
          + uid              = (known after apply)
        }
    }

  # kubernetes_service.grafana-external will be created
  + resource "kubernetes_service" "grafana-external" {
      + id                = (known after apply)
```

```
      + status              = (known after apply)
    + wait_for_load_balancer = true
    + metadata {
      + annotations     = {
          +
"service.beta.kubernetes.io/aws-load-balancer-nlb-target-type" =
"ip"
          + "service.beta.kubernetes.io/aws-load-balancer-type"
= "nlb"
        }
      + generation      = (known after apply)
      + name            = "grafana-external"
      + namespace       = "monitoring"
      + resource_version = (known after apply)
      + uid             = (known after apply)
    }
  + spec {
      + allocate_load_balancer_node_ports = true
      + cluster_ip               = (known after apply)
      + cluster_ips              = (known after apply)
      + external_traffic_policy       = (known after apply)
      + health_check_node_port        = (known after apply)
      + internal_traffic_policy       = (known after apply)
      + ip_families              = (known after apply)
      + ip_family_policy          = (known after apply)
      + publish_not_ready_addresses      = false
      + selector                 = {
          + "app.kubernetes.io/name" = "grafana"
        }
      + session_affinity            = "None"
      + type                  = "LoadBalancer"
      + port {
```

```
          + node_port   = (known after apply)
          + port        = 80
          + protocol    = "TCP"
          + target_port = "3000"
        }
      }
    }
```

module.project_alb.aws_lb.udacity will be created

```
+ resource "aws_lb" "udacity" {
    + arn                              = (known after apply)
    + arn_suffix                       = (known after apply)
    + desync_mitigation_mode           = "defensive"
    + dns_name                         = (known after apply)
    + drop_invalid_header_fields       = false
    + enable_deletion_protection       = false
    + enable_http2                     = true
    + enable_tls_version_and_cipher_suite_headers = false
    + enable_waf_fail_open             = false
    + enable_xff_client_port           = false
    + id                               = (known after apply)
    + idle_timeout                     = 60
    + internal                         = false
    + ip_address_type                  = (known after apply)
    + load_balancer_type               = "application"
    + name                             = "udacity-lb-tf"
    + name_prefix                      = (known after apply)
    + preserve_host_header             = false
    + security_groups                  = (known after apply)
    + subnets                          = (known after apply)
    + tags_all                         = {
        + "Name"      = "udacity"
        + "Terraform" = "true"
```

```
      }
    + vpc_id                        = (known after apply)
    + xff_header_processing_mode          = "append"
    + zone_id                        = (known after apply)
  }
 # module.project_alb.aws_lb_listener.udacity will be created
+ resource "aws_lb_listener" "udacity" {
    + arn            = (known after apply)
    + id             = (known after apply)
    + load_balancer_arn = (known after apply)
    + port           = 80
    + protocol       = "HTTP"
    + ssl_policy     = (known after apply)
    + tags_all       = {
      + "Name"     = "udacity"
      + "Terraform" = "true"
      }
    + default_action {
      + order          = (known after apply)
      + target_group_arn = (known after apply)
      + type           = "forward"
      }
  }
 # module.project_alb.aws_lb_target_group.udacity will be
created
  + resource "aws_lb_target_group" "udacity" {
    + arn                    = (known after apply)
    + arn_suffix             = (known after apply)
    + connection_termination     = (known after apply)
    + deregistration_delay       = "300"
    + id                     = (known after apply)
    + ip_address_type            = (known after apply)
```

```
    + lambda_multi_value_headers_enabled = false
    + load_balancing_algorithm_type      = (known after apply)
    + load_balancing_cross_zone_enabled  = (known after apply)
    + name                               = "udacity-lb-tg"
    + name_prefix                        = (known after apply)
    + port                               = 80
    + preserve_client_ip                 = (known after apply)
    + protocol                           = "HTTP"
    + protocol_version                   = (known after apply)
    + proxy_protocol_v2                  = false
    + slow_start                         = 0
    + tags_all                           = {
      + "Name"      = "udacity"
      + "Terraform" = "true"
      }
    + target_type                        = "instance"
    + vpc_id                             = "vpc-0241b89665afc03f0"
  }
 #
module.project_alb.aws_lb_target_group_attachment.udacity[0
] will be created
 + resource "aws_lb_target_group_attachment" "udacity" {
    + id               = (known after apply)
    + port             = 80
    + target_group_arn = (known after apply)
    + target_id        = (known after apply)
  }
 #
module.project_alb.aws_lb_target_group_attachment.udacity[1
] will be created
 + resource "aws_lb_target_group_attachment" "udacity" {
    + id               = (known after apply)
```

```
      + port            = 80
      + target_group_arn = (known after apply)
      + target_id        = (known after apply)
    }
  # module.project_ec2.aws_instance.ubuntu[0] will be created
  + resource "aws_instance" "ubuntu" {
      + ami                                  = "ami-06ff93b204c427145"
      + arn                                  = (known after apply)
      + associate_public_ip_address          = (known after apply)
      + availability_zone                    = (known after apply)
      + cpu_core_count                       = (known after apply)
      + cpu_threads_per_core                 = (known after apply)
      + disable_api_stop                     = (known after apply)
      + disable_api_termination              = (known after apply)
      + ebs_optimized                        = (known after apply)
      + get_password_data                    = false
      + host_id                              = (known after apply)
      + host_resource_group_arn              = (known after apply)
      + iam_instance_profile                 = (known after apply)
      + id                                   = (known after apply)
      + instance_initiated_shutdown_behavior = (known after apply)
      + instance_lifecycle                   = (known after apply)
      + instance_state                       = (known after apply)
      + instance_type                        = "t3.micro"
      + ipv6_address_count                   = (known after apply)
      + ipv6_addresses                       = (known after apply)
      + key_name                             = "udacity"
      + monitoring                           = (known after apply)
      + outpost_arn                          = (known after apply)
      + password_data                        = (known after apply)
      + placement_group                      = (known after apply)
      + placement_partition_number           = (known after apply)
```

```
      + primary_network_interface_id     = (known after apply)
      + private_dns                 = (known after apply)
      + private_ip                  = (known after apply)
      + public_dns                  = (known after apply)
      + public_ip                   = (known after apply)
      + secondary_private_ips          = (known after apply)
      + security_groups               = (known after apply)
      + source_dest_check             = true
      + spot_instance_request_id        = (known after apply)
      + subnet_id                   = (known after apply)
      + tags                      = {
        + "Name" = "Ubuntu-Web"
       }
      + tags_all                    = {
        + "Name"     = "Ubuntu-Web"
        + "Terraform" = "true"
       }
      + tenancy                    = (known after apply)
      + user_data                   = (known after apply)
      + user_data_base64             = (known after apply)
      + user_data_replace_on_change     = false
      + vpc_security_group_ids          = (known after apply)
   }
 # module.project_ec2.aws_instance.ubuntu[1] will be created
 + resource "aws_instance" "ubuntu" {
     + ami                       = "ami-06ff93b204c427145"
     + arn                       = (known after apply)
     + associate_public_ip_address     = (known after apply)
     + availability_zone             = (known after apply)
     + cpu_core_count               = (known after apply)
     + cpu_threads_per_core          = (known after apply)
     + disable_api_stop              = (known after apply)
```

```
+ disable_api_termination          = (known after apply)
+ ebs_optimized                    = (known after apply)
+ get_password_data                = false
+ host_id                          = (known after apply)
+ host_resource_group_arn          = (known after apply)
+ iam_instance_profile             = (known after apply)
+ id                               = (known after apply)
+ instance_initiated_shutdown_behavior = (known after apply)
+ instance_lifecycle               = (known after apply)
+ instance_state                   = (known after apply)
+ instance_type                    = "t3.micro"
+ ipv6_address_count               = (known after apply)
+ ipv6_addresses                   = (known after apply)
+ key_name                         = "udacity"
+ monitoring                       = (known after apply)
+ outpost_arn                      = (known after apply)
+ password_data                    = (known after apply)
+ placement_group                  = (known after apply)
+ placement_partition_number       = (known after apply)
+ primary_network_interface_id     = (known after apply)
+ private_dns                      = (known after apply)
+ private_ip                       = (known after apply)
+ public_dns                       = (known after apply)
+ public_ip                        = (known after apply)
+ secondary_private_ips            = (known after apply)
+ security_groups                  = (known after apply)
+ source_dest_check                = true
+ spot_instance_request_id         = (known after apply)
+ subnet_id                        = (known after apply)
+ tags                             = {
    + "Name" = "Ubuntu-Web"
  }
```

```
      + tags_all                          = {
        + "Name"      = "Ubuntu-Web"
        + "Terraform" = "true"
      }
    + tenancy                           = (known after apply)
    + user_data                         = (known after apply)
    + user_data_base64                  = (known after apply)
    + user_data_replace_on_change       = false
    + vpc_security_group_ids            = (known after apply)
  }
# module.project_ec2.aws_instance.ubuntu[2] will be created
+ resource "aws_instance" "ubuntu" {
    + ami                               = "ami-06ff93b204c427145"
    + arn                               = (known after apply)
    + associate_public_ip_address       = (known after apply)
    + availability_zone                 = (known after apply)
    + cpu_core_count                    = (known after apply)
    + cpu_threads_per_core              = (known after apply)
    + disable_api_stop                  = (known after apply)
    + disable_api_termination           = (known after apply)
    + ebs_optimized                     = (known after apply)
    + get_password_data                 = false
    + host_id                           = (known after apply)
    + host_resource_group_arn           = (known after apply)
    + iam_instance_profile              = (known after apply)
    + id                                = (known after apply)
    + instance_initiated_shutdown_behavior = (known after apply)
    + instance_lifecycle                = (known after apply)
    + instance_state                    = (known after apply)
    + instance_type                     = "t3.micro"
    + ipv6_address_count                = (known after apply)
    + ipv6_addresses                    = (known after apply)
```

```
      + key_name                        = "udacity"
      + monitoring                       = (known after apply)
      + outpost_arn                      = (known after apply)
      + password_data                    = (known after apply)
      + placement_group                  = (known after apply)
      + placement_partition_number       = (known after apply)
      + primary_network_interface_id     = (known after apply)
      + private_dns                      = (known after apply)
      + private_ip                       = (known after apply)
      + public_dns                       = (known after apply)
      + public_ip                        = (known after apply)
      + secondary_private_ips            = (known after apply)
      + security_groups                  = (known after apply)
      + source_dest_check                = true
      + spot_instance_request_id         = (known after apply)
      + subnet_id                        = (known after apply)
      + tags                             = {
        + "Name" = "Ubuntu-Web"
       }
      + tags_all                         = {
        + "Name"      = "Ubuntu-Web"
        + "Terraform" = "true"
       }
      + tenancy                          = (known after apply)
      + user_data                        = (known after apply)
      + user_data_base64                 = (known after apply)
      + user_data_replace_on_change      = false
      + vpc_security_group_ids           = (known after apply)
    }
  # module.project_ec2.aws_security_group.ec2_sg will be
created
  + resource "aws_security_group" "ec2_sg" {
```

```
+ arn                  = (known after apply)
+ description          = "Managed by Terraform"
+ egress               = [
  + {
      + cidr_blocks      = [
          + "0.0.0.0/0",
        ]
      + description      = ""
      + from_port        = 0
      + ipv6_cidr_blocks = []
      + prefix_list_ids  = []
      + protocol         = "-1"
      + security_groups  = []
      + self             = false
      + to_port          = 0
    },
  ]
+ id                   = (known after apply)
+ ingress              = [
  + {
      + cidr_blocks      = [
          + "0.0.0.0/0",
        ]
      + description      = "monitoring"
      + from_port        = 9100
      + ipv6_cidr_blocks = []
      + prefix_list_ids  = []
      + protocol         = "tcp"
      + security_groups  = []
      + self             = false
      + to_port          = 9100
    },
```

```
      + {
          + cidr_blocks     = [
              + "0.0.0.0/0",
            ]
          + description     = "ssh port"
          + from_port       = 22
          + ipv6_cidr_blocks = []
          + prefix_list_ids  = []
          + protocol        = "tcp"
          + security_groups  = []
          + self            = false
          + to_port         = 22
        },
      + {
          + cidr_blocks     = [
              + "0.0.0.0/0",
            ]
          + description     = "web port"
          + from_port       = 80
          + ipv6_cidr_blocks = []
          + prefix_list_ids  = []
          + protocol        = "tcp"
          + security_groups  = []
          + self            = false
          + to_port         = 80
        },
    ]
  + name               = "ec2_sg"
  + name_prefix        = (known after apply)
  + owner_id           = (known after apply)
  + revoke_rules_on_delete = false
  + tags               = {
```

```
              + "Name" = "ec2_sg"
            }
          + tags_all              = {
              + "Name"     = "ec2_sg"
              + "Terraform" = "true"
            }
          + vpc_id               = "vpc-0241b89665afc03f0"
        }
  #
module.project_eks.data.aws_iam_policy_document.eks_assum
e_role_policy will be read during apply
  # (depends on a resource or a module with changes pending)
 <= data "aws_iam_policy_document" "eks_assume_role_policy" {
      + id   = (known after apply)
      + json = (known after apply)
      + statement {
          + actions = [
              + "sts:AssumeRole",
            ]
          + principals {
              + identifiers = [
                  + "eks.amazonaws.com",
                ]
              + type        = "Service"
            }
        }
    }
  #
module.project_eks.data.aws_iam_policy_document.eks_node_
assume_role_policy will be read during apply
  # (depends on a resource or a module with changes pending)
 <= data "aws_iam_policy_document"
```

```
"eks_node_assume_role_policy" {
    + id   = (known after apply)
    + json = (known after apply)
    + statement {
      + actions = [
        + "sts:AssumeRole",
       ]
      + principals {
        + identifiers = [
          + "ec2.amazonaws.com",
         ]
        + type      = "Service"
       }
     }
   }
```

module.project_eks.aws_eks_cluster.cluster will be created

```
+ resource "aws_eks_cluster" "cluster" {
    + arn                 = (known after apply)
    + certificate_authority = (known after apply)
    + cluster_id          = (known after apply)
    + created_at          = (known after apply)
    + endpoint            = (known after apply)
    + id                  = (known after apply)
    + identity            = (known after apply)
    + name                = "udacity-cluster"
    + platform_version    = (known after apply)
    + role_arn            = (known after apply)
    + status              = (known after apply)
    + tags_all            = {
      + "Name"      = "udacity"
      + "Terraform" = "true"
     }
```

```
    + version              = "1.28"
    + vpc_config {
      + cluster_security_group_id = (known after apply)
      + endpoint_private_access   = false
      + endpoint_public_access    = true
      + public_access_cidrs       = (known after apply)
      + security_group_ids        = (known after apply)
      + subnet_ids                = [
        + "subnet-0415911d1af4ef711",
        + "subnet-0fa0e58ed6ae36fce",
       ]
      + vpc_id                    = (known after apply)
     }
   }
 # module.project_eks.aws_eks_node_group.node will be
created
 + resource "aws_eks_node_group" "node" {
    + ami_type             = (known after apply)
    + arn                  = (known after apply)
    + capacity_type        = (known after apply)
    + cluster_name         = "udacity-cluster"
    + disk_size            = (known after apply)
    + id                   = (known after apply)
    + instance_types       = [
      + "t3.medium",
     ]
    + node_group_name      = "app-udacity-node-group"
    + node_group_name_prefix = (known after apply)
    + node_role_arn        = (known after apply)
    + release_version      = (known after apply)
    + resources            = (known after apply)
    + status               = (known after apply)
```

```
      + subnet_ids           = [
        + "subnet-0415911d1af4ef711",
        + "subnet-0fa0e58ed6ae36fce",
        ]
      + tags                 = {
        + "Name" = "eks-udacity-nodes"
        }
      + tags_all             = {
        + "Name"      = "eks-udacity-nodes"
        + "Terraform" = "true"
        }
      + version              = (known after apply)
      + scaling_config {
        + desired_size = 1
        + max_size     = 2
        + min_size     = 1
        }
    }
  #
module.project_eks.aws_iam_policy.eks_cluster_role_cloudwatc
h_policy will be created
  + resource "aws_iam_policy"
"eks_cluster_role_cloudwatch_policy" {
    + arn         = (known after apply)
    + description = "Policy allowing cloudwatch access to udacity
resources."
    + id          = (known after apply)
    + name        = "app-udacity-eks-cluster-role-cloudwatch-policy"
    + name_prefix = (known after apply)
    + path        = "/"
    + policy      = jsonencode(
        {
```

```
              + Statement = [
                + {
                    + Action   = [
                        + "cloudwatch:*",
                        + "logs:DescribeLogGroups",
                        + "logs:DescribeLogStreams",
                        + "logs:CreateLogGroup",
                        + "logs:CreateLogStream",
                        + "logs:PutLogEvents",
                      ]
                    + Effect   = "Allow"
                    + Resource = "*"
                  },
              ]
            + Version   = "2012-10-17"
          }
      )
    + policy_id  = (known after apply)
    + tags_all   = {
        + "Name"      = "udacity"
        + "Terraform" = "true"
      }
  }
  # module.project_eks.aws_iam_policy.eks_node_instance_policy will be created
  + resource "aws_iam_policy" "eks_node_instance_policy" {
      + arn         = (known after apply)
      + description = "Policy allowing access to udacity resources."
      + id          = (known after apply)
      + name        = "app-udacity-instance-policy"
      + name_prefix = (known after apply)
```

```
+ path     = "/"
+ policy   = jsonencode(
    {
      + Statement = [
          + {
              + Action   = "s3:*"
              + Effect   = "Allow"
              + Resource = [
                  + "arn:aws:s3:::*",
                  + "arn:aws:s3:::*/*",
                  + "arn:aws:s3:*:*:job/*",
                ]
            },
          + {
              + Action   = [
                  + "logs:CreateLogGroup",
                  + "logs:CreateLogStream",
                  + "logs:PutLogEvents",
                ]
              + Effect   = "Allow"
              + Resource = [
                  + "arn:aws:logs:*:*:log-group:*",
                  + "arn:aws:logs:*:*:log-group:*:*:*",
                ]
            },
          + {
              + Action   = [
                  + "ecr:BatchCheckLayerAvailability",
                  + "ecr:BatchGetImage",
                  + "ecr:DescribeImages",
                  + "ecr:DescribeRepositories",
                  + "ecr:GetAuthorizationToken",
```

```
                + "ecr:GetDownloadUrlForLayer",
                + "ecr:GetRepositoryPolicy",
                + "ecr:ListImages",
              ]
            + Effect   = "Allow"
            + Resource = "*"
          },
        + {
            + Action   = [
                + "sqs:ReceiveMessage",
                + "sqs:SendMessage",
                + "sqs:SendMessageBatch",
                + "sqs:DeleteMessage",
                + "sqs:DeleteMessageBatch",
                + "sqs:ChangeMessageVisibility",
                + "sqs:ChangeMessageVisibilityBatch",
              ]
            + Effect   = "Allow"
            + Resource = [
                + "*",
              ]
          },
        + {
            + Action   = "eks:DescribeCluster"
            + Effect   = "Allow"
            + Resource = "*"
          },
      ]
    + Version   = "2012-10-17"
  }
)
+ policy_id   = (known after apply)
```

```
      + tags_all    = {
        + "Name"      = "udacity"
        + "Terraform" = "true"
      }
  }
 # module.project_eks.aws_iam_role.eks_cluster_role will be
created
 + resource "aws_iam_role" "eks_cluster_role" {
    + arn                 = (known after apply)
    + assume_role_policy   = (known after apply)
    + create_date          = (known after apply)
    + force_detach_policies = false
    + id                  = (known after apply)
    + managed_policy_arns   = (known after apply)
    + max_session_duration  = 3600
    + name                = "app-udacity-eks-cluster-role"
    + name_prefix          = (known after apply)
    + path                = "/"
    + tags_all             = {
        + "Name"      = "udacity"
        + "Terraform" = "true"
      }
    + unique_id            = (known after apply)
  }
 # module.project_eks.aws_iam_role.eks_node_cluster_role will
be created
 + resource "aws_iam_role" "eks_node_cluster_role" {
    + arn                 = (known after apply)
    + assume_role_policy   = (known after apply)
    + create_date          = (known after apply)
    + force_detach_policies = false
    + id                  = (known after apply)
```

```
    + managed_policy_arns   = (known after apply)
    + max_session_duration  = 3600
    + name                  = "app-udacity-eks-node-role"
    + name_prefix           = (known after apply)
    + path                  = "/"
    + tags_all              = {
      + "Name"      = "udacity"
      + "Terraform" = "true"
      }
    + unique_id             = (known after apply)
  }
 #
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSCloudwatchPolicy will be created
 + resource "aws_iam_role_policy_attachment"
"cluster_AmazonEKSCloudwatchPolicy" {
    + id         = (known after apply)
    + policy_arn = (known after apply)
    + role       = "app-udacity-eks-node-role"
  }
 #
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSClusterPolicy will be created
 + resource "aws_iam_role_policy_attachment"
"cluster_AmazonEKSClusterPolicy" {
    + id         = (known after apply)
    + policy_arn =
"arn:aws:iam::aws:policy/AmazonEKSClusterPolicy"
    + role       = "app-udacity-eks-cluster-role"
  }
 #
module.project_eks.aws_iam_role_policy_attachment.cluster_A
```

mazonEKSServicePolicy will be created
 + resource "aws_iam_role_policy_attachment"
"cluster_AmazonEKSServicePolicy" {
    + id   = (known after apply)
    + policy_arn =
"arn:aws:iam::aws:policy/AmazonEKSServicePolicy"
    + role   = "app-udacity-eks-cluster-role"
  }
 #
**module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEC2ContainerRegistryReadOnly** will be created
 + resource "aws_iam_role_policy_attachment"
"node_AmazonEC2ContainerRegistryReadOnly" {
    + id   = (known after apply)
    + policy_arn =
"arn:aws:iam::aws:policy/AmazonEC2ContainerRegistryReadOnly
"
    + role   = "app-udacity-eks-node-role"
  }
 #
**module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEKSWorkerNodePolicy** will be created
 + resource "aws_iam_role_policy_attachment"
"node_AmazonEKSWorkerNodePolicy" {
    + id   = (known after apply)
    + policy_arn =
"arn:aws:iam::aws:policy/AmazonEKSWorkerNodePolicy"
    + role   = "app-udacity-eks-node-role"
  }
 #
**module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEKS_CNI_Policy** will be created

```
  + resource "aws_iam_role_policy_attachment"
"node_AmazonEKS_CNI_Policy" {
      + id         = (known after apply)
      + policy_arn =
"arn:aws:iam::aws:policy/AmazonEKS_CNI_Policy"
      + role       = "app-udacity-eks-node-role"
    }
  #
module.project_eks.aws_iam_role_policy_attachment.node_Clo
udWatchAgentServerPolicy will be created
  + resource "aws_iam_role_policy_attachment"
"node_CloudWatchAgentServerPolicy" {
      + id         = (known after apply)
      + policy_arn =
"arn:aws:iam::aws:policy/CloudWatchAgentServerPolicy"
      + role       = "app-udacity-eks-node-role"
    }
  #
module.project_eks.aws_iam_role_policy_attachment.node_har
mony_policy_attachment will be created
  + resource "aws_iam_role_policy_attachment"
"node_harmony_policy_attachment" {
      + id         = (known after apply)
      + policy_arn = (known after apply)
      + role       = "app-udacity-eks-node-role"
    }
  # module.project_eks.aws_security_group.eks-cluster will be
created
  + resource "aws_security_group" "eks-cluster" {
      + arn              = (known after apply)
      + description      = "Managed by Terraform"
      + egress           = [
```

```
      + {
        + cidr_blocks     = [
          + "0.0.0.0/0",
         ]
        + description     = ""
        + from_port       = 0
        + ipv6_cidr_blocks = []
        + prefix_list_ids  = []
        + protocol        = "-1"
        + security_groups  = []
        + self            = false
        + to_port         = 0
      },
    ]
  + id              = (known after apply)
  + ingress         = [
      + {
        + cidr_blocks     = [
          + "0.0.0.0/0",
         ]
        + description     = ""
        + from_port       = 0
        + ipv6_cidr_blocks = []
        + prefix_list_ids  = []
        + protocol        = "-1"
        + security_groups  = []
        + self            = false
        + to_port         = 0
      },
    ]
  + name            = "SG-eks-cluster"
  + name_prefix     = (known after apply)
```

```
    + owner_id              = (known after apply)
    + revoke_rules_on_delete = false
    + tags_all              = {
       + "Name"      = "udacity"
       + "Terraform" = "true"
      }
    + vpc_id              = "vpc-0241b89665afc03f0"
  }
 # module.project_rds_p.aws_rds_cluster.udacity_cluster must
be replaced
-/+ resource "aws_rds_cluster" "udacity_cluster" {
    ~ allocated_storage          = 1 -> (known after apply)
    + apply_immediately          = (known after apply)
    ~ arn                        =
"arn:aws:rds:us-east-2:810716384126:cluster:udacity-db-cluster" ->
(known after apply)
    ~ availability_zones         = [ # forces replacement
       - "us-east-2c",
         # (2 unchanged elements hidden)
     ]
    - backtrack_window           = 0 -> null
    + cluster_identifier_prefix  = (known after apply)
    ~ cluster_members            = [
       - "udacity-db-instance-0",
       - "udacity-db-instance-1",
     ] -> (known after apply)
    ~ cluster_resource_id        =
"cluster-XJPQBE5KWXJJNUIDXSYXVLNX4Q" -> (known after
apply)
    + db_system_id               = (known after apply)
    - deletion_protection        = false -> null
    - enabled_cloudwatch_logs_exports    = [] -> null
```

```
      ~ endpoint                       =
"udacity-db-cluster.cluster-c7ynrb7gzpbc.us-east-2.rds.amazonaws.
com" -> (known after apply)
      ~ engine_version_actual           = "5.7.mysql_aurora.2.07.9"
-> (known after apply)
      ~ hosted_zone_id                  = "Z2XHWR1WZ565X2" ->
(known after apply)
      - iam_database_authentication_enabled = false -> null
      ~ iam_roles                       = [] -> (known after apply)
      ~ id                              = "udacity-db-cluster" -> (known after
apply)
      - iops                           = 0 -> null
      + kms_key_id                      = (known after apply)
      ~ master_user_secret              = [] -> (known after apply)
      + master_user_secret_kms_key_id      = (known after apply)
      ~ network_type                    = "IPV4" -> (known after apply)
      ~ port                           = 3306 -> (known after apply)
      ~ preferred_backup_window          = "07:16-07:46" -> (known
after apply)
      ~ preferred_maintenance_window        = "tue:05:04-tue:05:34"
-> (known after apply)
      ~ reader_endpoint                 =
"udacity-db-cluster.cluster-ro-c7ynrb7gzpbc.us-east-2.rds.amazona
ws.com" -> (known after apply)
      + storage_type                    = (known after apply)
      - tags                           = {} -> null
        # (18 unchanged attributes hidden)
    }
  #
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0] must be replaced
-/+ resource "aws_rds_cluster_instance" "udacity_instance" {
```

```
    + apply_immediately                  = (known after apply)
    ~ arn                                 =
"arn:aws:rds:us-east-2:810716384126:db:udacity-db-instance-0" ->
(known after apply)
    ~ availability_zone                   = "us-east-2a" -> (known after
apply)
    ~ ca_cert_identifier                  = "rds-ca-2019" -> (known after
apply)
    ~ cluster_identifier                  = "udacity-db-cluster" # forces
replacement -> (known after apply) # forces replacement
    ~ db_parameter_group_name             =
"default.aurora-mysql5.7" -> (known after apply)
    ~ dbi_resource_id                     =
"db-SL33MLDYDXFUGRBHHQAU75IVXI" -> (known after
apply)
    ~ endpoint                            =
"udacity-db-instance-0.c7ynrb7gzpbc.us-east-2.rds.amazonaws.com
" -> (known after apply)
    ~ engine_version                      = "5.7.mysql_aurora.2.07.9" ->
(known after apply)
    ~ engine_version_actual               = "5.7.mysql_aurora.2.07.9"
-> (known after apply)
    ~ id                                  = "udacity-db-instance-0" -> (known
after apply)
    + identifier_prefix                   = (known after apply)
    + kms_key_id                          = (known after apply)
    + monitoring_role_arn                 = (known after apply)
    ~ network_type                        = "IPV4" -> (known after
apply)
    ~ performance_insights_enabled        = false -> (known after
apply)
    + performance_insights_kms_key_id     = (known after apply)
```

```
      ~ performance_insights_retention_period = 0 -> (known after
apply)
      ~ port                          = 3306 -> (known after apply)
      ~ preferred_backup_window          = "07:16-07:46" ->
(known after apply)
      ~ preferred_maintenance_window      = "tue:05:52-tue:06:22"
-> (known after apply)
      ~ publicly_accessible             = false -> (known after apply)
      ~ storage_encrypted              = false -> (known after apply)
      - tags                        = {} -> null
      ~ writer                       = true -> (known after apply)
        # (9 unchanged attributes hidden)
    }

  #
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1] must be replaced
-/+ resource "aws_rds_cluster_instance" "udacity_instance" {
      + apply_immediately              = (known after apply)
      ~ arn                          =
"arn:aws:rds:us-east-2:810716384126:db:udacity-db-instance-1" ->
(known after apply)
      ~ availability_zone              = "us-east-2b" -> (known after
apply)
      ~ ca_cert_identifier             = "rds-ca-2019" -> (known after
apply)
      ~ cluster_identifier             = "udacity-db-cluster" # forces
replacement -> (known after apply) # forces replacement
      ~ db_parameter_group_name         =
"default.aurora-mysql5.7" -> (known after apply)
      ~ dbi_resource_id               =
"db-OOYWWXPRBIFGSPDRRDVRI65A3Y" -> (known after
apply)
```

```
      ~ endpoint                      =
"udacity-db-instance-1.c7ynrb7gzpbc.us-east-2.rds.amazonaws.com
" -> (known after apply)
      ~ engine_version                = "5.7.mysql_aurora.2.07.9" ->
(known after apply)
      ~ engine_version_actual         = "5.7.mysql_aurora.2.07.9"
-> (known after apply)
      ~ id                            = "udacity-db-instance-1" -> (known
after apply)
      + identifier_prefix             = (known after apply)
      + kms_key_id                    = (known after apply)
      + monitoring_role_arn           = (known after apply)
      ~ network_type                  = "IPV4" -> (known after
apply)
      ~ performance_insights_enabled        = false -> (known after
apply)
      + performance_insights_kms_key_id     = (known after apply)
      ~ performance_insights_retention_period = 0 -> (known after
apply)
      ~ port                          = 3306 -> (known after apply)
      ~ preferred_backup_window          = "07:16-07:46" ->
(known after apply)
      ~ preferred_maintenance_window        =
"mon:09:15-mon:09:45" -> (known after apply)
      ~ publicly_accessible           = false -> (known after apply)
      ~ storage_encrypted             = false -> (known after apply)
      - tags                          = {} -> null
      ~ writer                        = false -> (known after apply)
        # (9 unchanged attributes hidden)
    }
  # module.project_rds_s.aws_rds_cluster.udacity_cluster-s will
be updated in-place
```

```
  ~ resource "aws_rds_cluster" "udacity_cluster-s" {
      id                         = "udacity-db-cluster-s"
    ~ replication_source_identifier     =
"arn:aws:rds:us-east-2:810716384126:cluster:udacity-db-cluster" ->
(known after apply)
      tags                       = {}
      # (38 unchanged attributes hidden)
  }
 #
module.project_rds_s.aws_rds_cluster_instance.udacity_instanc
e-s[1] will be created
  + resource "aws_rds_cluster_instance" "udacity_instance-s" {
      + apply_immediately             = (known after apply)
      + arn                       = (known after apply)
      + auto_minor_version_upgrade        = true
      + availability_zone             = (known after apply)
      + ca_cert_identifier             = (known after apply)
      + cluster_identifier             = "udacity-db-cluster-s"
      + copy_tags_to_snapshot           = false
      + db_parameter_group_name          = (known after apply)
      + db_subnet_group_name           =
"udacity_db_subnet_group"
      + dbi_resource_id              = (known after apply)
      + endpoint                   = (known after apply)
      + engine                    = "aurora-mysql"
      + engine_version              = (known after apply)
      + engine_version_actual          = (known after apply)
      + id                       = (known after apply)
      + identifier                 = "udacity-db-instance-1-s"
      + identifier_prefix             = (known after apply)
      + instance_class              = "db.t2.small"
      + kms_key_id                 = (known after apply)
```

```
      + monitoring_interval              = 0
      + monitoring_role_arn              = (known after apply)
      + network_type                     = (known after apply)
      + performance_insights_enabled        = (known after apply)
      + performance_insights_kms_key_id     = (known after apply)
      + performance_insights_retention_period = (known after apply)
      + port                             = (known after apply)
      + preferred_backup_window          = (known after apply)
      + preferred_maintenance_window        = (known after apply)
      + promotion_tier                   = 0
      + publicly_accessible              = (known after apply)
      + storage_encrypted                = (known after apply)
      + tags_all                         = (known after apply)
      + writer                           = (known after apply)
    }

  # module.vpc.aws_eip.nat[0] will be created
  + resource "aws_eip" "nat" {
      + allocation_id        = (known after apply)
      + association_id       = (known after apply)
      + carrier_ip           = (known after apply)
      + customer_owned_ip    = (known after apply)
      + domain               = (known after apply)
      + id                   = (known after apply)
      + instance             = (known after apply)
      + network_border_group = (known after apply)
      + network_interface    = (known after apply)
      + private_dns          = (known after apply)
      + private_ip           = (known after apply)
      + public_dns           = (known after apply)
      + public_ip            = (known after apply)
      + public_ipv4_pool     = (known after apply)
      + tags                 = {
```

```
          + "Name" = "udacity-project-us-east-2a"
        }
      + tags_all            = {
          + "Name"      = "udacity-project-us-east-2a"
          + "Terraform" = "true"
        }
      + vpc                  = true
    }

  # module.vpc.aws_internet_gateway.this[0] will be created
  + resource "aws_internet_gateway" "this" {
      + arn      = (known after apply)
      + id       = (known after apply)
      + owner_id = (known after apply)
      + tags     = {
          + "Name" = "udacity-project"
        }
      + tags_all = {
          + "Name"      = "udacity-project"
          + "Terraform" = "true"
        }
      + vpc_id   = "vpc-0241b89665afc03f0"
    }

  # module.vpc.aws_nat_gateway.this[0] will be created
  + resource "aws_nat_gateway" "this" {
      + allocation_id                    = (known after apply)
      + association_id                   = (known after apply)
      + connectivity_type                = "public"
      + id                               = (known after apply)
      + network_interface_id             = (known after apply)
      + private_ip                       = (known after apply)
      + public_ip                        = (known after apply)
      + secondary_private_ip_address_count = (known after apply)
```

```
      + secondary_private_ip_addresses    = (known after apply)
      + subnet_id                         = (known after apply)
      + tags                             = {
        + "Name" = "udacity-project-us-east-2a"
        }
      + tags_all                          = {
        + "Name"     = "udacity-project-us-east-2a"
        + "Terraform" = "true"
        }
    }
```

 # module.vpc.aws_route.private_nat_gateway[0] will be created

```
  + resource "aws_route" "private_nat_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + id                   = (known after apply)
      + instance_id          = (known after apply)
      + instance_owner_id    = (known after apply)
      + nat_gateway_id       = (known after apply)
      + network_interface_id = (known after apply)
      + origin               = (known after apply)
      + route_table_id       = (known after apply)
      + state                = (known after apply)
      + timeouts {
        + create = "5m"
        }
    }
```

 # module.vpc.aws_route.private_nat_gateway[1] will be created

```
  + resource "aws_route" "private_nat_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + id                   = (known after apply)
      + instance_id          = (known after apply)
      + instance_owner_id    = (known after apply)
      + nat_gateway_id       = (known after apply)
```

```
      + network_interface_id   = (known after apply)
      + origin                 = (known after apply)
      + route_table_id         = (known after apply)
      + state                  = (known after apply)
      + timeouts {
          + create = "5m"
        }
    }
 # module.vpc.aws_route.public_internet_gateway[0] will be
created
  + resource "aws_route" "public_internet_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + gateway_id             = (known after apply)
      + id                     = (known after apply)
      + instance_id            = (known after apply)
      + instance_owner_id      = (known after apply)
      + network_interface_id   = (known after apply)
      + origin                 = (known after apply)
      + route_table_id         = (known after apply)
      + state                  = (known after apply)
      + timeouts {
          + create = "5m"
        }
    }
 # module.vpc.aws_route.public_internet_gateway[1] will be
created
  + resource "aws_route" "public_internet_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + gateway_id             = (known after apply)
      + id                     = (known after apply)
      + instance_id            = (known after apply)
      + instance_owner_id      = (known after apply)
```

```
    + network_interface_id  = (known after apply)
    + origin                = (known after apply)
    + route_table_id        = (known after apply)
    + state                 = (known after apply)
    + timeouts {
      + create = "5m"
    }
  }
# module.vpc.aws_route_table.private[0] will be created
+ resource "aws_route_table" "private" {
    + arn             = (known after apply)
    + id              = (known after apply)
    + owner_id        = (known after apply)
    + propagating_vgws = (known after apply)
    + route           = (known after apply)
    + tags            = {
      + "Name" = "udacity-project-private-us-east-2a"
    }
    + tags_all        = {
      + "Name"      = "udacity-project-private-us-east-2a"
      + "Terraform" = "true"
    }
    + vpc_id          = "vpc-0241b89665afc03f0"
  }
# module.vpc.aws_route_table.private[1] will be created
+ resource "aws_route_table" "private" {
    + arn             = (known after apply)
    + id              = (known after apply)
    + owner_id        = (known after apply)
    + propagating_vgws = (known after apply)
    + route           = (known after apply)
    + tags            = {
```

```
        + "Name" = "udacity-project-private-us-east-2b"
      }
    + tags_all       = {
      + "Name"      = "udacity-project-private-us-east-2b"
      + "Terraform" = "true"
      }
    + vpc_id         = "vpc-0241b89665afc03f0"
  }
 # module.vpc.aws_route_table.public[0] will be created
 + resource "aws_route_table" "public" {
    + arn            = (known after apply)
    + id             = (known after apply)
    + owner_id       = (known after apply)
    + propagating_vgws = (known after apply)
    + route          = (known after apply)
    + tags           = {
      + "Name" = "udacity-project-public"
      }
    + tags_all       = {
      + "Name"      = "udacity-project-public"
      + "Terraform" = "true"
      }
    + vpc_id         = "vpc-0241b89665afc03f0"
  }
 # module.vpc.aws_route_table_association.private[0] will be
created
  + resource "aws_route_table_association" "private" {
    + id             = (known after apply)
    + route_table_id = (known after apply)
    + subnet_id      = "subnet-0415911d1af4ef711"
  }
 # module.vpc.aws_route_table_association.private[1] will be
```

```
created
  + resource "aws_route_table_association" "private" {
      + id             = (known after apply)
      + route_table_id = (known after apply)
      + subnet_id      = "subnet-0fa0e58ed6ae36fce"
  }
 # module.vpc.aws_route_table_association.public[0] will be
created
  + resource "aws_route_table_association" "public" {
      + id             = (known after apply)
      + route_table_id = (known after apply)
      + subnet_id      = (known after apply)
  }
 # module.vpc.aws_route_table_association.public[1] will be
created
  + resource "aws_route_table_association" "public" {
      + id             = (known after apply)
      + route_table_id = (known after apply)
      + subnet_id      = (known after apply)
  }
 # module.vpc.aws_subnet.public[0] will be created
 + resource "aws_subnet" "public" {
      + arn                                = (known after apply)
      + assign_ipv6_address_on_creation             = false
      + availability_zone                  = "us-east-2a"
      + availability_zone_id                 = (known after apply)
      + cidr_block                  = "10.100.10.0/24"
      + enable_dns64                  = false
      + enable_resource_name_dns_a_record_on_launch    = false
      + enable_resource_name_dns_aaaa_record_on_launch = false
      + 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                                     = {
        + "Name"              = "udacity-project-public-us-east-2a"
        + "kubernetes.io/role/elb" = "1"
      }
      + tags_all                                 = {
        + "Name"              = "udacity-project-public-us-east-2a"
        + "Terraform"           = "true"
        + "kubernetes.io/role/elb" = "1"
      }
      + vpc_id                                   = "vpc-0241b89665afc03f0"
  }
  # module.vpc.aws_subnet.public[1] will be created
  + resource "aws_subnet" "public" {
      + arn                                      = (known after apply)
      + assign_ipv6_address_on_creation          = false
      + availability_zone                        = "us-east-2b"
      + availability_zone_id                     = (known after apply)
      + cidr_block                               = "10.100.11.0/24"
      + enable_dns64                             = false
      + enable_resource_name_dns_a_record_on_launch    = false
      + enable_resource_name_dns_aaaa_record_on_launch = false
      + 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                                   = {
        + "Name"              = "udacity-project-public-us-east-2b"
        + "kubernetes.io/role/elb" = "1"
       }
      + tags_all                               = {
        + "Name"              = "udacity-project-public-us-east-2b"
        + "Terraform"            = "true"
        + "kubernetes.io/role/elb" = "1"
       }
      + vpc_id                                 = "vpc-0241b89665afc03f0"
   }
  # module.vpc_west.aws_eip.nat[0] will be created
  + resource "aws_eip" "nat" {
      + allocation_id         = (known after apply)
      + association_id        = (known after apply)
      + carrier_ip            = (known after apply)
      + customer_owned_ip     = (known after apply)
      + domain                = (known after apply)
      + id                    = (known after apply)
      + instance              = (known after apply)
      + network_border_group  = (known after apply)
      + network_interface     = (known after apply)
      + private_dns           = (known after apply)
      + private_ip            = (known after apply)
      + public_dns            = (known after apply)
      + public_ip             = (known after apply)
      + public_ipv4_pool      = (known after apply)
      + tags                  = {
        + "Name" = "udacity-project-us-west-1b"
```

```
        }
      + tags_all              = {
          + "Name" = "udacity-project-us-west-1b"
        }
      + vpc                    = true
    }
  # module.vpc_west.aws_internet_gateway.this[0] will be
created
  + resource "aws_internet_gateway" "this" {
      + arn      = (known after apply)
      + id       = (known after apply)
      + owner_id = (known after apply)
      + tags     = {
          + "Name" = "udacity-project"
        }
      + tags_all = {
          + "Name" = "udacity-project"
        }
      + vpc_id   = "vpc-005f29bc90b95bd93"
    }
  # module.vpc_west.aws_nat_gateway.this[0] will be created
  + resource "aws_nat_gateway" "this" {
      + allocation_id                   = (known after apply)
      + association_id                  = (known after apply)
      + connectivity_type               = "public"
      + id                              = (known after apply)
      + network_interface_id            = (known after apply)
      + private_ip                      = (known after apply)
      + public_ip                       = (known after apply)
      + secondary_private_ip_address_count = (known after apply)
      + secondary_private_ip_addresses  = (known after apply)
      + subnet_id                       = (known after apply)
```

```
      + tags                    = {
          + "Name" = "udacity-project-us-west-1b"
        }
      + tags_all                 = {
          + "Name" = "udacity-project-us-west-1b"
        }
    }
  # module.vpc_west.aws_route.private_nat_gateway[0] will be
created
  + resource "aws_route" "private_nat_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + id                  = (known after apply)
      + instance_id         = (known after apply)
      + instance_owner_id     = (known after apply)
      + nat_gateway_id        = (known after apply)
      + network_interface_id  = (known after apply)
      + origin              = (known after apply)
      + route_table_id        = (known after apply)
      + state               = (known after apply)
      + timeouts {
          + create = "5m"
        }
    }
  # module.vpc_west.aws_route.private_nat_gateway[1] will be
created
  + resource "aws_route" "private_nat_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + id                  = (known after apply)
      + instance_id         = (known after apply)
      + instance_owner_id     = (known after apply)
      + nat_gateway_id        = (known after apply)
      + network_interface_id  = (known after apply)
```

```
        + origin              = (known after apply)
        + route_table_id      = (known after apply)
        + state               = (known after apply)
        + timeouts {
          + create = "5m"
        }
    }
  # module.vpc_west.aws_route.public_internet_gateway[0] will
be created
  + resource "aws_route" "public_internet_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + gateway_id             = (known after apply)
      + id                     = (known after apply)
      + instance_id            = (known after apply)
      + instance_owner_id      = (known after apply)
      + network_interface_id   = (known after apply)
      + origin                 = (known after apply)
      + route_table_id         = (known after apply)
      + state                  = (known after apply)
      + timeouts {
          + create = "5m"
        }
    }
  # module.vpc_west.aws_route.public_internet_gateway[1] will
be created
  + resource "aws_route" "public_internet_gateway" {
      + destination_cidr_block = "0.0.0.0/0"
      + gateway_id             = (known after apply)
      + id                     = (known after apply)
      + instance_id            = (known after apply)
      + instance_owner_id      = (known after apply)
      + network_interface_id   = (known after apply)
```

```
      + origin            = (known after apply)
      + route_table_id    = (known after apply)
      + state             = (known after apply)
      + timeouts {
        + create = "5m"
      }
  }
# module.vpc_west.aws_route_table.private[0] will be created
+ resource "aws_route_table" "private" {
    + arn             = (known after apply)
    + id              = (known after apply)
    + owner_id        = (known after apply)
    + propagating_vgws = (known after apply)
    + route           = (known after apply)
    + tags            = {
      + "Name" = "udacity-project-private-us-west-1b"
    }
    + tags_all        = {
      + "Name" = "udacity-project-private-us-west-1b"
    }
    + vpc_id          = "vpc-005f29bc90b95bd93"
  }
# module.vpc_west.aws_route_table.private[1] will be created
+ resource "aws_route_table" "private" {
    + arn             = (known after apply)
    + id              = (known after apply)
    + owner_id        = (known after apply)
    + propagating_vgws = (known after apply)
    + route           = (known after apply)
    + tags            = {
      + "Name" = "udacity-project-private-us-west-1c"
    }
```

```
      + tags_all        = {
        + "Name" = "udacity-project-private-us-west-1c"
       }
      + vpc_id         = "vpc-005f29bc90b95bd93"
   }
 # module.vpc_west.aws_route_table.public[0] will be created
 + resource "aws_route_table" "public" {
     + arn             = (known after apply)
     + id              = (known after apply)
     + owner_id        = (known after apply)
     + propagating_vgws = (known after apply)
     + route           = (known after apply)
     + tags            = {
        + "Name" = "udacity-project-public"
       }
     + tags_all        = {
        + "Name" = "udacity-project-public"
       }
     + vpc_id         = "vpc-005f29bc90b95bd93"
   }
 # module.vpc_west.aws_route_table_association.private[0] will
be created
 + resource "aws_route_table_association" "private" {
     + id             = (known after apply)
     + route_table_id = (known after apply)
     + subnet_id      = "subnet-0642065a49bc6e889"
   }
 # module.vpc_west.aws_route_table_association.private[1] will
be created
 + resource "aws_route_table_association" "private" {
     + id             = (known after apply)
     + route_table_id = (known after apply)
```

```
    + subnet_id      = "subnet-009d69349e54099e2"
  }
 # module.vpc_west.aws_route_table_association.public[0] will
be created
 + resource "aws_route_table_association" "public" {
    + id            = (known after apply)
    + route_table_id = (known after apply)
    + subnet_id     = (known after apply)
  }
 # module.vpc_west.aws_route_table_association.public[1] will
be created
 + resource "aws_route_table_association" "public" {
    + id            = (known after apply)
    + route_table_id = (known after apply)
    + subnet_id     = (known after apply)
  }
 # module.vpc_west.aws_subnet.public[0] will be created
 + resource "aws_subnet" "public" {
    + arn                              = (known after apply)
    + assign_ipv6_address_on_creation           = false
    + availability_zone                 = "us-west-1b"
    + availability_zone_id               = (known after apply)
    + cidr_block                    = "10.100.10.0/24"
    + enable_dns64                   = false
    + enable_resource_name_dns_a_record_on_launch   = false
    + enable_resource_name_dns_aaaa_record_on_launch = false
    + 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                                = {
      + "Name"              = "udacity-project-public-us-west-1b"
      + "kubernetes.io/role/elb" = "1"
     }
    + tags_all                            = {
      + "Name"              = "udacity-project-public-us-west-1b"
      + "kubernetes.io/role/elb" = "1"
     }
    + vpc_id                              = "vpc-005f29bc90b95bd93"
  }
 # module.vpc_west.aws_subnet.public[1] will be created
 + resource "aws_subnet" "public" {
    + arn                              = (known after apply)
    + assign_ipv6_address_on_creation         = false
    + availability_zone                = "us-west-1c"
    + availability_zone_id              = (known after apply)
    + cidr_block                       = "10.100.11.0/24"
    + enable_dns64                     = false
    + enable_resource_name_dns_a_record_on_launch   = false
    + enable_resource_name_dns_aaaa_record_on_launch = false
    + 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                             = {
      + "Name"              = "udacity-project-public-us-west-1c"
```

```
          + "kubernetes.io/role/elb" = "1"
        }
      + tags_all                          = {
          + "Name"              = "udacity-project-public-us-west-1c"
          + "kubernetes.io/role/elb" = "1"
        }
      + vpc_id                            = "vpc-005f29bc90b95bd93"
    }
```

Plan: 62 to add, 1 to change, 3 to destroy.
Changes to Outputs:
```
  + account_id        = "810716384126"
  + caller_arn        = "arn:aws:iam::810716384126:user/udacity"
  + caller_user       = "AIDA3ZQTWJN7BIQ2VQ5H5"
  + private_subnet_ids = [
      + "subnet-0642065a49bc6e889",
      + "subnet-009d69349e54099e2",
    ]
  + public_subnet_ids  = [
      + (known after apply),
      + (known after apply),
    ]
  + vpc_id            = "vpc-005f29bc90b95bd93"
```
│
│ **Warning: Reference to undefined provider**
│
│   on main.tf line 41, in module "vpc_west":
│   41:   aws = aws.usw1
│
│ There is no explicit declaration for local provider name "aws" in
module.vpc_west, so Terraform is
│ assuming you mean to pass a configuration for "hashicorp/aws".
│

```
│ If you also control the child module, add a required_providers
entry named "aws" with the source
│ address "hashicorp/aws".
│
│ (and one more similar warning elsewhere)
│


│ Warning: Argument is deprecated
│
│   with module.vpc_west.aws_eip.nat,
│   on modules/vpc/routes.tf line 54, in resource "aws_eip" "nat":
│   54:    vpc = true
│
│ use domain attribute instead
│
│ (and 3 more similar warnings elsewhere)
│

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

  Enter a value: yes
module.vpc_west.aws_subnet.public[1]: Creating...
module.vpc_west.aws_eip.nat[0]: Creating...
module.vpc_west.aws_subnet.public[0]: Creating...
module.vpc_west.aws_route_table.private[1]: Creating...
module.vpc_west.aws_route_table.private[0]: Creating...
module.vpc_west.aws_internet_gateway.this[0]: Creating...
module.vpc_west.aws_route_table.public[0]: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Destroying... [id=udacity-db-instance-1]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Destroying... [id=udacity-db-instance-0]
```

module.vpc.aws_eip.nat[0]: Creating...
module.vpc_west.aws_eip.nat[0]: Creation complete after 1s [id=eipalloc-0959de42c0bd95f2c]
module.vpc.aws_route_table.private[0]: Creating...
module.vpc_west.aws_internet_gateway.this[0]: Creation complete after 2s [id=igw-0d0c52eabdaa93fe6]
module.vpc.aws_route_table.private[1]: Creating...
module.vpc_west.aws_route_table.private[0]: Creation complete after 2s [id=rtb-062d999557c8656e8]
module.vpc_west.aws_route_table.public[0]: Creation complete after 2s [id=rtb-02ab88a778cb93893]
module.vpc.aws_subnet.public[0]: Creating...
module.vpc.aws_subnet.public[1]: Creating...
module.vpc_west.aws_route_table.private[1]: Creation complete after 2s [id=rtb-0c2bce3b5ca917762]
module.vpc.aws_internet_gateway.this[0]: Creating...
module.vpc.aws_eip.nat[0]: Creation complete after 2s [id=eipalloc-05d95c09cca71df6f]
module.vpc.aws_route_table.public[0]: Creating...
module.vpc.aws_route_table.private[0]: Creation complete after 2s [id=rtb-0662cf329eec6c693]
module.vpc_west.aws_route.public_internet_gateway[1]: Creating...
module.vpc.aws_route_table.private[1]: Creation complete after 2s [id=rtb-088f2dcce791846c8]
module.vpc_west.aws_route.public_internet_gateway[0]: Creating...
module.vpc.aws_internet_gateway.this[0]: Creation complete after 2s [id=igw-0bf41d188c1412c72]
module.vpc_west.aws_route_table_association.private[1]: Creating...
module.vpc.aws_route_table.public[0]: Creation complete after

2s [id=rtb-0b98816b4e3ad7f09]
module.vpc_west.aws_route_table_association.private[0]:
Creating...
module.vpc_west.aws_route_table_association.private[1]:
Creation complete after 1s [id=rtbassoc-0c1f2bcbbb192c804]
module.project_ec2.aws_security_group.ec2_sg: Creating...
module.vpc_west.aws_route_table_association.private[0]:
Creation complete after 1s [id=rtbassoc-0df199ce93a25f419]
module.project_alb.aws_lb_target_group.udacity: Creating...
module.vpc_west.aws_route.public_internet_gateway[0]:
Creation complete after 1s
[id=r-rtb-02ab88a778cb938931080289494]
module.vpc.aws_route_table_association.private[0]: Creating...
module.vpc_west.aws_route.public_internet_gateway[1]:
Creation complete after 2s
[id=r-rtb-02ab88a778cb938931080289494]
module.vpc.aws_route_table_association.private[1]: Creating...
module.vpc.aws_route_table_association.private[1]: Creation
complete after 1s [id=rtbassoc-0942c45017cb55c09]
module.vpc.aws_route_table_association.private[0]: Creation
complete after 1s [id=rtbassoc-0847c8c6bfe1e5099]
module.vpc.aws_route.public_internet_gateway[1]: Creating...
module.vpc.aws_route.public_internet_gateway[0]: Creating...
module.vpc.aws_route.public_internet_gateway[0]: Creation
complete after 1s [id=r-rtb-0b98816b4e3ad7f091080289494]
module.vpc.aws_route.public_internet_gateway[1]: Creation
complete after 1s [id=r-rtb-0b98816b4e3ad7f091080289494]
module.project_ec2.aws_security_group.ec2_sg: Creation
complete after 3s [id=sg-092aac410f122540c]
module.project_alb.aws_lb_target_group.udacity: Creation
complete after 3s
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targe

tgroup/udacity-lb-tg/720a9298bdb40482]
module.vpc_west.aws_subnet.public[1]: Still creating... [10s elapsed]
module.vpc_west.aws_subnet.public[0]: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10s elapsed]
module.vpc.aws_subnet.public[0]: Still creating... [10s elapsed]
module.vpc.aws_subnet.public[1]: Still creating... [10s elapsed]
module.vpc_west.aws_subnet.public[0]: Creation complete after 12s [id=subnet-0d572365cd3453f1d]
module.vpc_west.aws_subnet.public[1]: Creation complete after 12s [id=subnet-06e287e0233a53797]
module.vpc_west.aws_route_table_association.public[0]: Creating...
module.vpc_west.aws_route_table_association.public[1]: Creating...
module.vpc_west.aws_nat_gateway.this[0]: Creating...
module.vpc_west.aws_route_table_association.public[1]: Creation complete after 1s [id=rtbassoc-0d0e69e68051b833b]
module.vpc_west.aws_route_table_association.public[0]: Creation complete after 1s [id=rtbassoc-00b7b3294ebed07e7]
module.vpc.aws_subnet.public[0]: Creation complete after 12s [id=subnet-077b588419f408066]
module.vpc.aws_subnet.public[1]: Creation complete after 12s [id=subnet-0b0d384c6884fa46b]
module.vpc.aws_route_table_association.public[0]: Creating...
module.vpc.aws_nat_gateway.this[0]: Creating...
module.vpc.aws_route_table_association.public[1]: Creating...
module.project_alb.aws_lb.udacity: Creating...

module.project_ec2.aws_instance.ubuntu[2]: Creating...
module.project_ec2.aws_instance.ubuntu[0]: Creating...
module.project_ec2.aws_instance.ubuntu[1]: Creating...
module.vpc.aws_route_table_association.public[1]: Creation complete after 1s [id=rtbassoc-028cb7e07a4df2fe1]
module.vpc.aws_route_table_association.public[0]: Creation complete after 1s [id=rtbassoc-0a23899ec95effcfd]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 20s elapsed]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [10s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [10s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [10s elapsed]
module.project_ec2.aws_instance.ubuntu[2]: Still creating... [10s elapsed]
module.project_ec2.aws_instance.ubuntu[0]: Still creating... [10s elapsed]
module.project_ec2.aws_instance.ubuntu[1]: Still creating... [10s elapsed]
module.project_ec2.aws_instance.ubuntu[0]: Creation complete after 16s [id=i-0b019daa6b1c4b6ee]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 30s elapsed]
module.project_ec2.aws_instance.ubuntu[1]: Creation complete after 17s [id=i-025bc241745da0a40]
module.project_ec2.aws_instance.ubuntu[2]: Creation complete

after 17s [id=i-054ca21a10afcfcaa]
module.project_alb.aws_lb_target_group_attachment.udacity[1
]: Creating...
module.project_alb.aws_lb_target_group_attachment.udacity[0
]: Creating...
module.project_alb.aws_lb_target_group_attachment.udacity[1
]: Creation complete after 1s
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targe
tgroup/udacity-lb-tg/720a9298bdb40482-2023121800065491910
0000005]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [20s
elapsed]
module.project_alb.aws_lb_target_group_attachment.udacity[0
]: Creation complete after 1s
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targe
tgroup/udacity-lb-tg/720a9298bdb40482-2023121800065540090
0000006]
module.vpc.aws_nat_gateway.this[0]: Still creating... [20s
elapsed]
module.project_alb.aws_lb.udacity: Still creating... [20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 40s elapsed]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [30s
elapsed]
module.project_alb.aws_lb.udacity: Still creating... [30s
elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[0]: Still destroying... [id=udacity-db-instance-0, 50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 50s elapsed]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [40s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [40s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m0s elapsed]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [50s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [50s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m10s elapsed]
module.vpc_west.aws_nat_gateway.this[0]: Still creating... [1m0s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [1m0s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m0s

elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 1m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 1m20s elapsed]

module.vpc_west.aws_nat_gateway.this[0]: Still creating... [1m10s elapsed]

module.project_alb.aws_lb.udacity: Still creating... [1m10s elapsed]

module.vpc.aws_nat_gateway.this[0]: Still creating... [1m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 1m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 1m30s elapsed]

module.vpc_west.aws_nat_gateway.this[0]: Still creating... [1m20s elapsed]

module.vpc.aws_nat_gateway.this[0]: Still creating... [1m20s elapsed]

module.project_alb.aws_lb.udacity: Still creating... [1m20s elapsed]

module.vpc_west.aws_nat_gateway.this[0]: Creation complete after 1m28s [id=nat-0be0633aad3096659]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 1m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 1m40s

elapsed]
module.vpc_west.aws_route.private_nat_gateway[0]: Creating...
module.vpc_west.aws_route.private_nat_gateway[1]: Creating...
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m30s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [1m30s elapsed]
module.vpc_west.aws_route.private_nat_gateway[1]: Creation complete after 1s [id=r-rtb-0c2bce3b5ca9177621080289494]
module.vpc_west.aws_route.private_nat_gateway[0]: Creation complete after 2s [id=r-rtb-062d999557c8656e81080289494]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 1m50s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m40s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m0s elapsed]
module.vpc.aws_nat_gateway.this[0]: Creation complete after 1m49s [id=nat-0bf3da65c60c33c02]
module.vpc.aws_route.private_nat_gateway[1]: Creating...

```
module.vpc.aws_route.private_nat_gateway[0]: Creating...
module.project_alb.aws_lb.udacity: Still creating... [1m50s elapsed]
module.vpc.aws_route.private_nat_gateway[1]: Creation complete after 2s [id=r-rtb-088f2dcce791846c81080289494]
module.vpc.aws_route.private_nat_gateway[0]: Creation complete after 3s [id=r-rtb-0662cf329eec6c6931080289494]
module.project_eks.aws_iam_policy.eks_cluster_role_cloudwatch_policy: Creating...
module.project_eks.aws_iam_policy.eks_node_instance_policy: Creating...
module.project_eks.data.aws_iam_policy_document.eks_assume_role_policy: Reading...
module.project_eks.data.aws_iam_policy_document.eks_node_assume_role_policy: Reading...
module.project_eks.aws_security_group.eks-cluster: Creating...
module.project_eks.data.aws_iam_policy_document.eks_node_assume_role_policy: Read complete after 0s [id=2851119427]
module.project_eks.data.aws_iam_policy_document.eks_assume_role_policy: Read complete after 0s [id=3552664922]
module.project_eks.aws_iam_role.eks_node_cluster_role: Creating...
module.project_eks.aws_iam_role.eks_cluster_role: Creating...
module.project_eks.aws_iam_policy.eks_cluster_role_cloudwatch_policy: Creation complete after 1s [id=arn:aws:iam::81071638412 6:policy/app-udacity-eks-cluster-role-cloudwatch-policy]
module.project_eks.aws_iam_policy.eks_node_instance_policy: Creation complete after 1s [id=arn:aws:iam::81071638412 6:policy/app-udacity-instance-policy]
module.project_eks.aws_iam_role.eks_node_cluster_role:
```

```
Creation complete after 2s [id=app-udacity-eks-node-role]
module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEKS_CNI_Policy: Creating...
module.project_eks.aws_iam_role_policy_attachment.node_har
mony_policy_attachment: Creating...
module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEKSWorkerNodePolicy: Creating...
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSCloudwatchPolicy: Creating...
module.project_eks.aws_iam_role_policy_attachment.node_Clo
udWatchAgentServerPolicy: Creating...
module.project_eks.aws_iam_role.eks_cluster_role: Creation
complete after 2s [id=app-udacity-eks-cluster-role]
module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEC2ContainerRegistryReadOnly: Creating...
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSCloudwatchPolicy: Creation complete after 0s
[id=app-udacity-eks-node-role-20231218000830835200000007]
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSServicePolicy: Creating...
module.project_eks.aws_iam_role_policy_attachment.node_har
mony_policy_attachment: Creation complete after 0s
[id=app-udacity-eks-node-role-20231218000830840000000008]
module.project_eks.aws_iam_role_policy_attachment.cluster_A
mazonEKSClusterPolicy: Creating...
module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEKS_CNI_Policy: Creation complete after 1s
[id=app-udacity-eks-node-role-2023121800083113990000000b]
module.project_eks.aws_iam_role_policy_attachment.node_Am
azonEC2ContainerRegistryReadOnly: Creation complete after
1s
[id=app-udacity-eks-node-role-2023121800083120810000000c]
```

module.project_eks.aws_iam_role_policy_attachment.node_AmazonEKSWorkerNodePolicy: Creation complete after 1s [id=app-udacity-eks-node-role-20231218000830856400000009]
module.project_eks.aws_iam_role_policy_attachment.node_CloudWatchAgentServerPolicy: Creation complete after 1s [id=app-udacity-eks-node-role-2023121800083085830000000a]
module.project_eks.aws_iam_role_policy_attachment.cluster_AmazonEKSServicePolicy: Creation complete after 1s [id=app-udacity-eks-cluster-role-2023121800083143440000000d]
module.project_eks.aws_iam_role_policy_attachment.cluster_AmazonEKSClusterPolicy: Creation complete after 1s [id=app-udacity-eks-cluster-role-2023121800083151120000000e]
module.project_eks.aws_security_group.eks-cluster: Creation complete after 3s [id=sg-0b366f02c985a46a9]
module.project_eks.aws_eks_cluster.cluster: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m10s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [2m0s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m20s elapsed]

module.project_alb.aws_lb.udacity: Still creating... [2m10s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m30s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [2m20s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m40s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [2m30s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m50s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [2m40s elapsed]

module.project_eks.aws_eks_cluster.cluster: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m0s elapsed]
module.project_alb.aws_lb.udacity: Still creating... [2m50s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m10s elapsed]
module.project_alb.aws_lb.udacity: Creation complete after 2m59s
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:loadbalancer/app/udacity-lb-tf/c0f0f2a7c62c7f26]
module.project_alb.aws_lb_listener.udacity: Creating...
module.project_alb.aws_lb_listener.udacity: Creation complete after 1s
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:listener/app/udacity-lb-tf/c0f0f2a7c62c7f26/22ca28a6e6be2a3e]
module.project_eks.aws_eks_cluster.cluster: Still creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m20s elapsed]

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 3m20s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[1m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 3m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 3m30s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[1m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 3m40s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 3m40s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 3m50s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 3m50s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m0s
elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m0s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m10s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m10s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m20s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m30s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m40s
elapsed]
```

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 4m40s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 4m50s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m0s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m10s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m20s elapsed]

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 5m20s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[3m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 5m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 5m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Destruction complete after 5m32s
module.project_eks.aws_eks_cluster.cluster: Still creating...
[3m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 5m40s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[3m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 5m50s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[3m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 6m0s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[4m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 6m10s
```

elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [4m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m20s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [4m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m30s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [4m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m40s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [4m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m50s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m0s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m10s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...

```
[5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 7m20s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[5m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 7m30s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[5m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 7m40s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[5m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 7m50s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[5m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 8m0s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[6m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 8m10s
elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating...
[6m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
```

ce[0]: Still destroying... [id=udacity-db-instance-0, 8m20s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [6m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m30s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [6m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m40s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [6m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m50s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [6m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m0s elapsed]
module.project_eks.aws_eks_cluster.cluster: Still creating... [7m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m10s elapsed]
module.project_eks.aws_eks_cluster.cluster: Creation complete after 7m4s [id=udacity-cluster]
module.project_eks.aws_eks_node_group.node: Creating...
data.aws_eks_cluster.cluster: Reading...
data.aws_eks_cluster_auth.cluster: Reading...

```
data.aws_eks_cluster_auth.cluster: Read complete after 0s
[id=udacity-cluster]
data.aws_eks_cluster.cluster: Read complete after 0s
[id=udacity-cluster]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 9m20s
elapsed]
module.project_eks.aws_eks_node_group.node: Still creating...
[10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 9m30s
elapsed]
module.project_eks.aws_eks_node_group.node: Still creating...
[20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 9m40s
elapsed]
module.project_eks.aws_eks_node_group.node: Still creating...
[30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 9m50s
elapsed]
module.project_eks.aws_eks_node_group.node: Still creating...
[40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 10m0s
elapsed]
module.project_eks.aws_eks_node_group.node: Still creating...
[50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 10m10s
elapsed]
```

module.project_eks.aws_eks_node_group.node: Still creating... [1m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m20s elapsed]

module.project_eks.aws_eks_node_group.node: Still creating... [1m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m30s elapsed]

module.project_eks.aws_eks_node_group.node: Creation complete after 1m19s [id=udacity-cluster:app-udacity-node-group]

kubernetes_namespace.udacity: Creating...

kubernetes_service.grafana-external: Creating...

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m40s elapsed]

kubernetes_namespace.udacity: Creation complete after 4s [id=udacity]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Destruction complete after 10m55s

module.project_rds_p.aws_rds_cluster.udacity_cluster: Destroying... [id=udacity-db-cluster]

module.project_rds_p.aws_rds_cluster.udacity_cluster: Still destroying... [id=udacity-db-cluster, 10s elapsed]

module.project_rds_p.aws_rds_cluster.udacity_cluster: Still destroying... [id=udacity-db-cluster, 20s elapsed]

module.project_rds_p.aws_rds_cluster.udacity_cluster: Still

destroying... [id=udacity-db-cluster, 30s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 40s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 50s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 1m0s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 1m10s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 1m20s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 1m30s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Destruction complete after 1m34s
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Creating...
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster:

Creation complete after 1m13s [id=udacity-db-cluster]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

```
ce[0]: Still creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
```

ce[0]: Still creating... [2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[1]: Still creating... [3m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[0]: Still creating... [5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[0]: Still creating... [6m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

```
ce[1]: Still creating... [7m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [9m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
```

ce[1]: Still creating... [9m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [9m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [9m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Creation complete after 9m34s
[id=udacity-db-instance-1]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m10s elapsed]

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m50s elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [14m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [15m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m30s elapsed]
```

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [16m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [17m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still creating... [17m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Creation complete after 17m15s [id=udacity-db-instance-0]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Creating...
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [10s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [20s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [30s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [40s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [50s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [1m0s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [1m10s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [1m20s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Still creating... [1m30s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [1m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [1m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m0s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m10s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m20s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m30s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [2m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m0s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m10s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m20s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m30s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [3m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m0s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m10s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m20s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m30s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [4m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m0s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m10s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m20s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m30s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [5m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m0s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m10s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m20s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m30s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m40s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

e-s[1]: Still creating... [6m50s elapsed]

module.project_rds_s.aws_rds_cluster_instance.udacity_instanc

```
e-s[1]: Still creating... [7m0s elapsed]
module.project_rds_s.aws_rds_cluster_instance.udacity_instanc
e-s[1]: Creation complete after 7m10s
[id=udacity-db-instance-1-s]

│
│ Warning: Argument is deprecated
│
│   with module.vpc_west.aws_eip.nat[0],
│   on modules/vpc/routes.tf line 54, in resource "aws_eip" "nat":
│   54:   vpc = true
│
│ use domain attribute instead
│
│ (and one more similar warning elsewhere)
│

│
│ Error: namespaces "monitoring" not found
│
│   with kubernetes_service.grafana-external,
│   on project.tf line 10, in resource "kubernetes_service"
"grafana-external":
│   10:   resource "kubernetes_service" "grafana-external" {
│
│

jees-macbook:zone1 jeesantony$ aws eks --region us-east-2
update-kubeconfig --name udacity-cluster
Updated context
arn:aws:eks:us-east-2:810716384126:cluster/udacity-cluster in
/Users/jeesantony/.kube/config
jees-macbook:zone1 jeesantony$ kubectl config use-context
arn:aws:eks:us-east-2:810716384126:cluster/udacity-cluster
Switched to context
```

"arn:aws:eks:us-east-2:810716384126:cluster/udacity-cluster".
jees-macbook:zone1 jeesantony$ kubectl create namespace
monitoring
namespace/monitoring created
jees-macbook:zone1 jeesantony$ terraform init
Initializing the backend...
Initializing modules...
Initializing provider plugins...
- Reusing previous version of hashicorp/kubernetes from the
dependency lock file
- Reusing previous version of hashicorp/aws from the dependency
lock file
- Using previously-installed hashicorp/kubernetes v2.24.0
- Using previously-installed hashicorp/aws v5.29.0

│
│ **Warning: Reference to undefined provider**
│
│
│   on main.tf line 41, in module "vpc_west":
│   41:   aws = aws.usw1
│
│
│ There is no explicit declaration for local provider name "aws" in
module.vpc_west, so Terraform is
│ assuming you mean to pass a configuration for "hashicorp/aws".
│
│
│ If you also control the child module, add a required_providers
entry named "aws" with the source
│ address "hashicorp/aws".
│
│
│ (and 3 more similar warnings elsewhere)
│

Terraform has been successfully initialized!
You may now begin working with Terraform. Try running

"terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.
If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
jees-macbook:zone1 jeesantony$ terraform apply
module.vpc_west.aws_eip.nat[0]: Refreshing state... [id=eipalloc-0959de42c0bd95f2c]
module.vpc_west.aws_vpc.this: Refreshing state... [id=vpc-005f29bc90b95bd93]
module.project_rds_s.aws_rds_cluster_parameter_group.cluster_pg-s: Refreshing state... [id=udacity-pg-s]
data.aws_caller_identity.current: Reading...
module.vpc.aws_vpc.this: Refreshing state... [id=vpc-0241b89665afc03f0]
data.aws_ami.amazon_linux_2: Reading...
module.vpc.aws_eip.nat[0]: Refreshing state... [id=eipalloc-05d95c09cca71df6f]
module.project_rds_p.aws_rds_cluster_parameter_group.cluster_pg: Refreshing state... [id=udacity-pg-p]
data.aws_caller_identity.current: Read complete after 0s [id=810716384126]
data.aws_ami.amazon_linux_2: Read complete after 1s [id=ami-0bc75de602edc8f79]
module.vpc_west.aws_route_table.public[0]: Refreshing state... [id=rtb-02ab88a778cb93893]
module.vpc_west.aws_route_table.private[0]: Refreshing state... [id=rtb-062d999557c8656e8]

```
module.vpc_west.aws_route_table.private[1]: Refreshing state...
[id=rtb-0c2bce3b5ca917762]
module.vpc_west.aws_subnet.private[1]: Refreshing state...
[id=subnet-009d69349e54099e2]
module.vpc_west.aws_internet_gateway.this[0]: Refreshing
state... [id=igw-0d0c52eabdaa93fe6]
module.vpc_west.aws_subnet.private[0]: Refreshing state...
[id=subnet-0642065a49bc6e889]
module.vpc_west.aws_subnet.public[1]: Refreshing state...
[id=subnet-06e287e0233a53797]
module.vpc_west.aws_subnet.public[0]: Refreshing state...
[id=subnet-0d572365cd3453f1d]
module.project_rds_s.aws_security_group.db_sg_2: Refreshing
state... [id=sg-00ab44a851c98f245]
module.vpc.aws_internet_gateway.this[0]: Refreshing state...
[id=igw-0bf41d188c1412c72]
module.vpc.aws_subnet.private[1]: Refreshing state...
[id=subnet-0fa0e58ed6ae36fce]
module.vpc.aws_subnet.private[0]: Refreshing state...
[id=subnet-0415911d1af4ef711]
module.vpc.aws_subnet.public[1]: Refreshing state...
[id=subnet-0b0d384c6884fa46b]
module.vpc.aws_subnet.public[0]: Refreshing state...
[id=subnet-077b588419f408066]
module.vpc.aws_route_table.private[1]: Refreshing state...
[id=rtb-088f2dcce791846c8]
module.vpc.aws_route_table.private[0]: Refreshing state...
[id=rtb-0662cf329eec6c693]
module.vpc.aws_route_table.public[0]: Refreshing state...
[id=rtb-0b98816b4e3ad7f09]
module.vpc_west.aws_route_table_association.public[1]:
Refreshing state... [id=rtbassoc-0d0e69e68051b833b]
```

module.project_rds_p.aws_security_group.db_sg_1: Refreshing state... [id=sg-09391286d9657eddd]
module.vpc_west.aws_route_table_association.public[0]: Refreshing state... [id=rtbassoc-00b7b3294ebed07e7]
module.project_alb.aws_lb_target_group.udacity: Refreshing state... [id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targetgroup/udacity-lb-tg/720a9298bdb40482]
module.vpc_west.aws_nat_gateway.this[0]: Refreshing state... [id=nat-0be0633aad3096659]
module.project_ec2.aws_security_group.ec2_sg: Refreshing state... [id=sg-092aac410f122540c]
module.vpc_west.aws_route.public_internet_gateway[0]: Refreshing state... [id=r-rtb-02ab88a778cb938931080289494]
module.vpc_west.aws_route_table_association.private[0]: Refreshing state... [id=rtbassoc-0df199ce93a25f419]
module.vpc_west.aws_route.public_internet_gateway[1]: Refreshing state... [id=r-rtb-02ab88a778cb938931080289494]
module.vpc_west.aws_route_table_association.private[1]: Refreshing state... [id=rtbassoc-0c1f2bcbbb192c804]
module.project_rds_p.aws_db_subnet_group.udacity_db_subnet_group: Refreshing state... [id=udacity_db_subnet_group]
module.vpc.aws_nat_gateway.this[0]: Refreshing state... [id=nat-0bf3da65c60c33c02]
module.vpc_west.aws_route.private_nat_gateway[0]: Refreshing state... [id=r-rtb-062d999557c8656e81080289494]
module.vpc_west.aws_route.private_nat_gateway[1]: Refreshing state... [id=r-rtb-0c2bce3b5ca9177621080289494]
module.project_rds_s.aws_db_subnet_group.udacity_db_subnet_group: Refreshing state... [id=udacity_db_subnet_group]
module.vpc.aws_route_table_association.private[0]: Refreshing state... [id=rtbassoc-0847c8c6bfe1e5099]

```
module.vpc.aws_route_table_association.private[1]: Refreshing
state... [id=rtbassoc-0942c45017cb55c09]
module.vpc.aws_route.public_internet_gateway[1]: Refreshing
state... [id=r-rtb-0b98816b4e3ad7f091080289494]
module.vpc.aws_route.public_internet_gateway[0]: Refreshing
state... [id=r-rtb-0b98816b4e3ad7f091080289494]
module.vpc.aws_route_table_association.public[0]: Refreshing
state... [id=rtbassoc-0a23899ec95effcfd]
module.vpc.aws_route_table_association.public[1]: Refreshing
state... [id=rtbassoc-028cb7e07a4df2fe1]
module.project_ec2.aws_instance.ubuntu[2]: Refreshing state...
[id=i-054ca21a10afcfcaa]
module.project_ec2.aws_instance.ubuntu[1]: Refreshing state...
[id=i-025bc241745da0a40]
module.project_ec2.aws_instance.ubuntu[0]: Refreshing state...
[id=i-0b019daa6b1c4b6ee]
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Refreshing state... [id=udacity-db-cluster]
module.vpc.aws_route.private_nat_gateway[0]: Refreshing
state... [id=r-rtb-0662cf329eec6c6931080289494]
module.vpc.aws_route.private_nat_gateway[1]: Refreshing
state... [id=r-rtb-088f2dcce791846c81080289494]
module.project_alb.aws_lb.udacity: Refreshing state...
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:loadb
alancer/app/udacity-lb-tf/c0f0f2a7c62c7f26]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Refreshing state... [id=udacity-db-instance-1]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Refreshing state... [id=udacity-db-instance-0]
module.project_eks.data.aws_iam_policy_document.eks_node_
assume_role_policy: Reading...
module.project_eks.data.aws_iam_policy_document.eks_assum
```

e_role_policy: Reading...
module.project_eks.aws_security_group.eks-cluster: Refreshing state... [id=sg-0b366f02c985a46a9]
module.project_eks.data.aws_iam_policy_document.eks_assume_role_policy: Read complete after 0s [id=3552664922]
module.project_eks.data.aws_iam_policy_document.eks_node_assume_role_policy: Read complete after 0s [id=2851119427]
module.project_eks.aws_iam_policy.eks_node_instance_policy: Refreshing state...
[id=arn:aws:iam::810716384126:policy/app-udacity-instance-policy]
module.project_eks.aws_iam_policy.eks_cluster_role_cloudwatch_policy: Refreshing state...
[id=arn:aws:iam::810716384126:policy/app-udacity-eks-cluster-role-cloudwatch-policy]
module.project_eks.aws_iam_role.eks_cluster_role: Refreshing state... [id=app-udacity-eks-cluster-role]
module.project_eks.aws_iam_role.eks_node_cluster_role: Refreshing state... [id=app-udacity-eks-node-role]
module.project_alb.aws_lb_listener.udacity: Refreshing state...
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:listener/app/udacity-lb-tf/c0f0f2a7c62c7f26/22ca28a6e6be2a3e]
module.project_rds_s.aws_rds_cluster.udacity_cluster-s: Refreshing state... [id=udacity-db-cluster-s]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[1]: Refreshing state... [id=udacity-db-instance-1-s]
module.project_rds_s.aws_rds_cluster_instance.udacity_instance-s[0]: Refreshing state... [id=udacity-db-instance-0-s]
module.project_eks.aws_iam_role_policy_attachment.node_AmazonEC2ContainerRegistryReadOnly: Refreshing state...
[id=app-udacity-eks-node-role-20231218000831208100000000c]
module.project_eks.aws_iam_role_policy_attachment.node_Clo

udWatchAgentServerPolicy: Refreshing state...
[id=app-udacity-eks-node-role-20231218000830085830000000a]
module.project_eks.aws_iam_role_policy_attachment.node_AmazonEKSWorkerNodePolicy: Refreshing state...
[id=app-udacity-eks-node-role-20231218000830856400000009]
module.project_eks.aws_iam_role_policy_attachment.node_AmazonEKS_CNI_Policy: Refreshing state...
[id=app-udacity-eks-node-role-20231218000831139900000000b]
module.project_eks.aws_iam_role_policy_attachment.node_harmony_policy_attachment: Refreshing state...
[id=app-udacity-eks-node-role-20231218000830843000000008]
module.project_eks.aws_iam_role_policy_attachment.cluster_AmazonEKSCloudwatchPolicy: Refreshing state...
[id=app-udacity-eks-node-role-20231218000830835200000007]
module.project_eks.aws_iam_role_policy_attachment.cluster_AmazonEKSServicePolicy: Refreshing state...
[id=app-udacity-eks-cluster-role-20231218000831434400000000d]
module.project_eks.aws_iam_role_policy_attachment.cluster_AmazonEKSClusterPolicy: Refreshing state...
[id=app-udacity-eks-cluster-role-20231218000831511200000000e]
module.project_eks.aws_eks_cluster.cluster: Refreshing state...
[id=udacity-cluster]
module.project_alb.aws_lb_target_group_attachment.udacity[1]: Refreshing state...
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targetgroup/udacity-lb-tg/720a9298bdb40482-20231218000654919100000005]
module.project_alb.aws_lb_target_group_attachment.udacity[0]: Refreshing state...
[id=arn:aws:elasticloadbalancing:us-east-2:810716384126:targetgroup/udacity-lb-tg/720a9298bdb40482-20231218000655400090

0000006]
data.aws_eks_cluster_auth.cluster: Reading...
data.aws_eks_cluster.cluster: Reading...
data.aws_eks_cluster_auth.cluster: Read complete after 0s [id=udacity-cluster]
module.project_eks.aws_eks_node_group.node: Refreshing state... [id=udacity-cluster:app-udacity-node-group]
data.aws_eks_cluster.cluster: Read complete after 1s [id=udacity-cluster]
kubernetes_namespace.udacity: Refreshing state... [id=udacity]
Terraform used the selected providers to generate the following execution plan. Resource actions are
indicated with the following symbols:
  + create
  ~ update in-place
-/+ destroy and then create replacement
Terraform will perform the following actions:
  # **kubernetes_service.grafana-external** will be created
  + resource "kubernetes_service" "grafana-external" {
      + id   = (known after apply)
      + status   = (known after apply)
      + wait_for_load_balancer = true
      + metadata {
          + annotations   = {
              + "service.beta.kubernetes.io/aws-load-balancer-nlb-target-type" = "ip"
              + "service.beta.kubernetes.io/aws-load-balancer-type" = "nlb"
            }
          + generation   = (known after apply)
          + name   = "grafana-external"

```
                + namespace       = "monitoring"
                + resource_version = (known after apply)
                + uid             = (known after apply)
              }
            + spec {
                + allocate_load_balancer_node_ports = true
                + cluster_ip                = (known after apply)
                + cluster_ips               = (known after apply)
                + external_traffic_policy      = (known after apply)
                + health_check_node_port         = (known after apply)
                + internal_traffic_policy       = (known after apply)
                + ip_families               = (known after apply)
                + ip_family_policy            = (known after apply)
                + publish_not_ready_addresses      = false
                + selector                  = {
                    + "app.kubernetes.io/name" = "grafana"
                  }
                + session_affinity            = "None"
                + type                   = "LoadBalancer"
                + port {
                    + node_port   = (known after apply)
                    + port       = 80
                    + protocol    = "TCP"
                    + target_port = "3000"
                  }
              }
          }
  # module.project_rds_p.aws_rds_cluster.udacity_cluster must
be replaced
-/+ resource "aws_rds_cluster" "udacity_cluster" {
      ~ allocated_storage              = 1 -> (known after apply)
      + apply_immediately               = (known after apply)
```

```
      ~ arn                            =
"arn:aws:rds:us-east-2:810716384126:cluster:udacity-db-cluster" ->
(known after apply)
      ~ availability_zones             = [ # forces replacement
        - "us-east-2c",
          # (2 unchanged elements hidden)
       ]
      - backtrack_window               = 0 -> null
      + cluster_identifier_prefix      = (known after apply)
      ~ cluster_members                = [
        - "udacity-db-instance-0",
        - "udacity-db-instance-1",
       ] -> (known after apply)
      ~ cluster_resource_id            =
"cluster-HRIWKTQRMGPCKIYQ6GZBSEKP64" -> (known after
apply)
      + db_system_id                   = (known after apply)
      - deletion_protection            = false -> null
      - enabled_cloudwatch_logs_exports    = [] -> null
      ~ endpoint                       =
"udacity-db-cluster.cluster-c7ynrb7gzpbc.us-east-2.rds.amazonaws.
com" -> (known after apply)
      ~ engine_version_actual          = "5.7.mysql_aurora.2.07.9"
-> (known after apply)
      ~ hosted_zone_id                 = "Z2XHWR1WZ565X2" ->
(known after apply)
      - iam_database_authentication_enabled = false -> null
      ~ iam_roles                      = [] -> (known after apply)
      ~ id                             = "udacity-db-cluster" -> (known after
apply)
      - iops                           = 0 -> null
      + kms_key_id                     = (known after apply)
```

```
    ~ master_user_secret            = [] -> (known after apply)
    + master_user_secret_kms_key_id     = (known after apply)
    ~ network_type                  = "IPV4" -> (known after apply)
    ~ port                          = 3306 -> (known after apply)
    ~ preferred_backup_window       = "04:03-04:33" -> (known after apply)
    ~ preferred_maintenance_window      =
"mon:06:41-mon:07:11" -> (known after apply)
    ~ reader_endpoint              =
"udacity-db-cluster.cluster-ro-c7ynrb7gzpbc.us-east-2.rds.amazonaws.com" -> (known after apply)
    + storage_type                 = (known after apply)
    - tags                         = {} -> null
     # (18 unchanged attributes hidden)
  }
 #
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0] must be replaced
-/+ resource "aws_rds_cluster_instance" "udacity_instance" {
    + apply_immediately           = (known after apply)
    ~ arn                         =
"arn:aws:rds:us-east-2:810716384126:db:udacity-db-instance-0" ->
(known after apply)
    ~ availability_zone           = "us-east-2a" -> (known after apply)
    ~ ca_cert_identifier          = "rds-ca-2019" -> (known after apply)
    ~ cluster_identifier          = "udacity-db-cluster" # forces replacement -> (known after apply) # forces replacement
    ~ db_parameter_group_name     =
"default.aurora-mysql5.7" -> (known after apply)
    ~ dbi_resource_id             =
```

```
        "db-CIT3GXGQ7HWNRQXRZYA2NAWHRU" -> (known after
apply)
      ~ endpoint                         =
"udacity-db-instance-0.c7ynrb7gzpbc.us-east-2.rds.amazonaws.com
" -> (known after apply)
      ~ engine_version                   = "5.7.mysql_aurora.2.07.9" ->
(known after apply)
      ~ engine_version_actual            = "5.7.mysql_aurora.2.07.9"
-> (known after apply)
      ~ id                               = "udacity-db-instance-0" -> (known
after apply)
      + identifier_prefix                = (known after apply)
      + kms_key_id                       = (known after apply)
      + monitoring_role_arn              = (known after apply)
      ~ network_type                     = "IPV4" -> (known after
apply)
      ~ performance_insights_enabled     = false -> (known after
apply)
      + performance_insights_kms_key_id  = (known after apply)
      ~ performance_insights_retention_period = 0 -> (known after
apply)
      ~ port                             = 3306 -> (known after apply)
      ~ preferred_backup_window          = "04:03-04:33" ->
(known after apply)
      ~ preferred_maintenance_window     =
"wed:04:47-wed:05:17" -> (known after apply)
      ~ publicly_accessible              = false -> (known after apply)
      ~ storage_encrypted                = false -> (known after apply)
      - tags                             = {} -> null
      ~ writer                           = false -> (known after apply)
        # (9 unchanged attributes hidden)
    }
```

```
  # module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1] must be replaced
-/+ resource "aws_rds_cluster_instance" "udacity_instance" {
    + apply_immediately             = (known after apply)
    ~ arn                           = "arn:aws:rds:us-east-2:810716384126:db:udacity-db-instance-1" -> (known after apply)
    ~ availability_zone             = "us-east-2b" -> (known after apply)
    ~ ca_cert_identifier            = "rds-ca-2019" -> (known after apply)
    ~ cluster_identifier            = "udacity-db-cluster" # forces replacement -> (known after apply) # forces replacement
    ~ db_parameter_group_name       = "default.aurora-mysql5.7" -> (known after apply)
    ~ dbi_resource_id               = "db-6FJDKWMEKNWHFYOILLCSME3YFA" -> (known after apply)
    ~ endpoint                      = "udacity-db-instance-1.c7ynrb7gzpbc.us-east-2.rds.amazonaws.com" -> (known after apply)
    ~ engine_version                = "5.7.mysql_aurora.2.07.9" -> (known after apply)
    ~ engine_version_actual         = "5.7.mysql_aurora.2.07.9" -> (known after apply)
    ~ id                            = "udacity-db-instance-1" -> (known after apply)
    + identifier_prefix             = (known after apply)
    + kms_key_id                    = (known after apply)
    + monitoring_role_arn           = (known after apply)
    ~ network_type                  = "IPV4" -> (known after
```

apply)
    ~ performance_insights_enabled   = false -> (known after apply)
    + performance_insights_kms_key_id   = (known after apply)
    ~ performance_insights_retention_period = 0 -> (known after apply)
    ~ port   = 3306 -> (known after apply)
    ~ preferred_backup_window   = "04:03-04:33" -> (known after apply)
    ~ preferred_maintenance_window   = "thu:09:13-thu:09:43" -> (known after apply)
    ~ publicly_accessible   = false -> (known after apply)
    ~ storage_encrypted   = false -> (known after apply)
    - tags   = {} -> null
    ~ writer   = true -> (known after apply)
      # (9 unchanged attributes hidden)
  }
 # **module.project_rds_s.aws_rds_cluster.udacity_cluster-s** will be updated in-place
 ~ resource "aws_rds_cluster" "udacity_cluster-s" {
      id   = "udacity-db-cluster-s"
    + replication_source_identifier   = (known after apply)
      tags   = {}
      # (38 unchanged attributes hidden)
  }
Plan: 4 to add, 1 to change, 3 to destroy.
│
│ **Warning: Reference to undefined provider**
│
│
│   on main.tf line 41, in module "vpc_west":
│   41:   aws = aws.usw1
│
│

| There is no explicit declaration for local provider name "aws" in module.vpc_west, so Terraform is
| assuming you mean to pass a configuration for "hashicorp/aws".
|
| If you also control the child module, add a required_providers entry named "aws" with the source
| address "hashicorp/aws".
|
| (and one more similar warning elsewhere)
|

|
| **Warning: Argument is deprecated**
|
| with module.vpc_west.aws_eip.nat,
| on modules/vpc/routes.tf line 54, in resource "aws_eip" "nat":
| 54:   vpc = true
|
| use domain attribute instead
|
| (and 3 more similar warnings elsewhere)
|

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.
  Enter a value: yes
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Destroying... [id=udacity-db-instance-0]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Destroying... [id=udacity-db-instance-1]
kubernetes_service.grafana-external: Creating...
kubernetes_service.grafana-external: Creation complete after 4s [id=monitoring/grafana-external]

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m10s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m10s
elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m40s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m40s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 1m50s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 1m50s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 2m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 2m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 2m10s
```

elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 2m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 2m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[0]: Still destroying... [id=udacity-db-instance-0, 3m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 3m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 3m50s elapsed]

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m0s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m10s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m10s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m20s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m30s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m40s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still destroying... [id=udacity-db-instance-0, 4m40s
elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still destroying... [id=udacity-db-instance-1, 4m50s
```

elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 4m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Still destroying... [id=udacity-db-instance-1, 5m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[1]: Destruction complete after 5m23s

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 5m50s

elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 6m51s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m1s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m11s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m21s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m31s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[0]: Still destroying... [id=udacity-db-instance-0, 7m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 7m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 8m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m21s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 9m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Still destroying... [id=udacity-db-instance-0, 10m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instance[0]: Destruction complete after 10m58s
module.project_rds_p.aws_rds_cluster.udacity_cluster: Destroying... [id=udacity-db-cluster]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still

destroying... [id=udacity-db-cluster, 10s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 20s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 30s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 40s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
destroying... [id=udacity-db-cluster, 50s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Destruction complete after 51s
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Creating...
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster: Still
creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster.udacity_cluster:
Creation complete after 54s [id=udacity-db-cluster]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Creating...
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

```
ce[0]: Still creating... [10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
```

ce[0]: Still creating... [1m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [1m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [2m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[1]: Still creating... [2m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [3m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [3m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

```
ce[1]: Still creating... [4m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m40s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [4m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
```

ce[1]: Still creating... [5m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [5m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [5m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m0s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m10s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m20s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m30s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [6m40s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [6m50s elapsed]

module.project_rds_p.aws_rds_cluster_instance.udacity_instan

ce[1]: Still creating... [6m50s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m0s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m10s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m20s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m30s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [7m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [7m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan

```
ce[0]: Still creating... [8m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Still creating... [8m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[1]: Creation complete after 8m30s
[id=udacity-db-instance-1]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [8m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [9m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m21s elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [10m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [11m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [12m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m1s elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [13m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m41s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [14m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m21s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m31s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m41s elapsed]
```

```
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [15m51s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [16m1s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Still creating... [16m11s elapsed]
module.project_rds_p.aws_rds_cluster_instance.udacity_instan
ce[0]: Creation complete after 16m12s
[id=udacity-db-instance-0]
module.project_rds_s.aws_rds_cluster.udacity_cluster-s:
Modifying... [id=udacity-db-cluster-s]
module.project_rds_s.aws_rds_cluster.udacity_cluster-s:
Modifications complete after 1s [id=udacity-db-cluster-s]
Apply complete! Resources: 4 added, 1 changed, 3 destroyed.
Outputs:
account_id = "810716384126"
caller_arn = "arn:aws:iam::810716384126:user/udacity"
caller_user = "AIDA3ZQTWJN7BIQ2VQ5H5"
private_subnet_ids = [
  "subnet-0642065a49bc6e889",
  "subnet-009d69349e54099e2",
]
public_subnet_ids = [
  "subnet-0d572365cd3453f1d",
  "subnet-06e287e0233a53797",
]
vpc_id = "vpc-005f29bc90b95bd93"
jees-macbook:zone1 jeesantony$
```