Melakukan terraform init

root@andipangeran2c:/home/cloud_user/andi/tugas/SQS/terraform_sns_sqs

```
[root@andipangeran2c terraform_sns_sqs]# ls -al
total 32
drwxr-xr-x. 3 root root 4096 Aug 13 11:11 .
drwxr-xr-x. 3 root root   30 Aug 13 06:56 ..
-rw-r--r--. 1 root root  413 Aug 13 06:56 data.tf
-rw-r--r--. 1 root root  596 Aug 13 06:56 .editorconfig
drwxr-xr-x. 2 root root   41 Aug 13 06:56 lambda
-rw-r--r--. 1 root root    0 Aug 13 06:56 outputs.tf
-rw-r--r--. 1 root root  385 Aug 13 10:53 providers.tf
-rw-r--r--. 1 root root  507 Aug 13 06:56 README.md
-rw-r--r--. 1 root root 4901 Aug 13 06:56 resources.tf
-rw-r--r--. 1 root root  316 Aug 13 06:56 variables.tf
[root@andipangeran2c terraform_sns_sqs]# terraform init

Initializing the backend...

Initializing provider plugins...
- Checking for available provider plugins...
- Downloading plugin for provider "archive" (hashicorp/archive) 1.3.0...
- Downloading plugin for provider "aws" (hashicorp/aws) 3.1.0...

The following providers do not have any version constraints in configuration,
so the latest version was installed.

To prevent automatic upgrades to new major versions that may contain breaking
changes, it is recommended to add version = "..." constraints to the
corresponding provider blocks in configuration, with the constraint strings
suggested below.

* provider.archive: version = "~> 1.3"
* provider.aws: version = "~> 3.1"

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.
[root@andipangeran2c terraform_sns_sqs]#
```

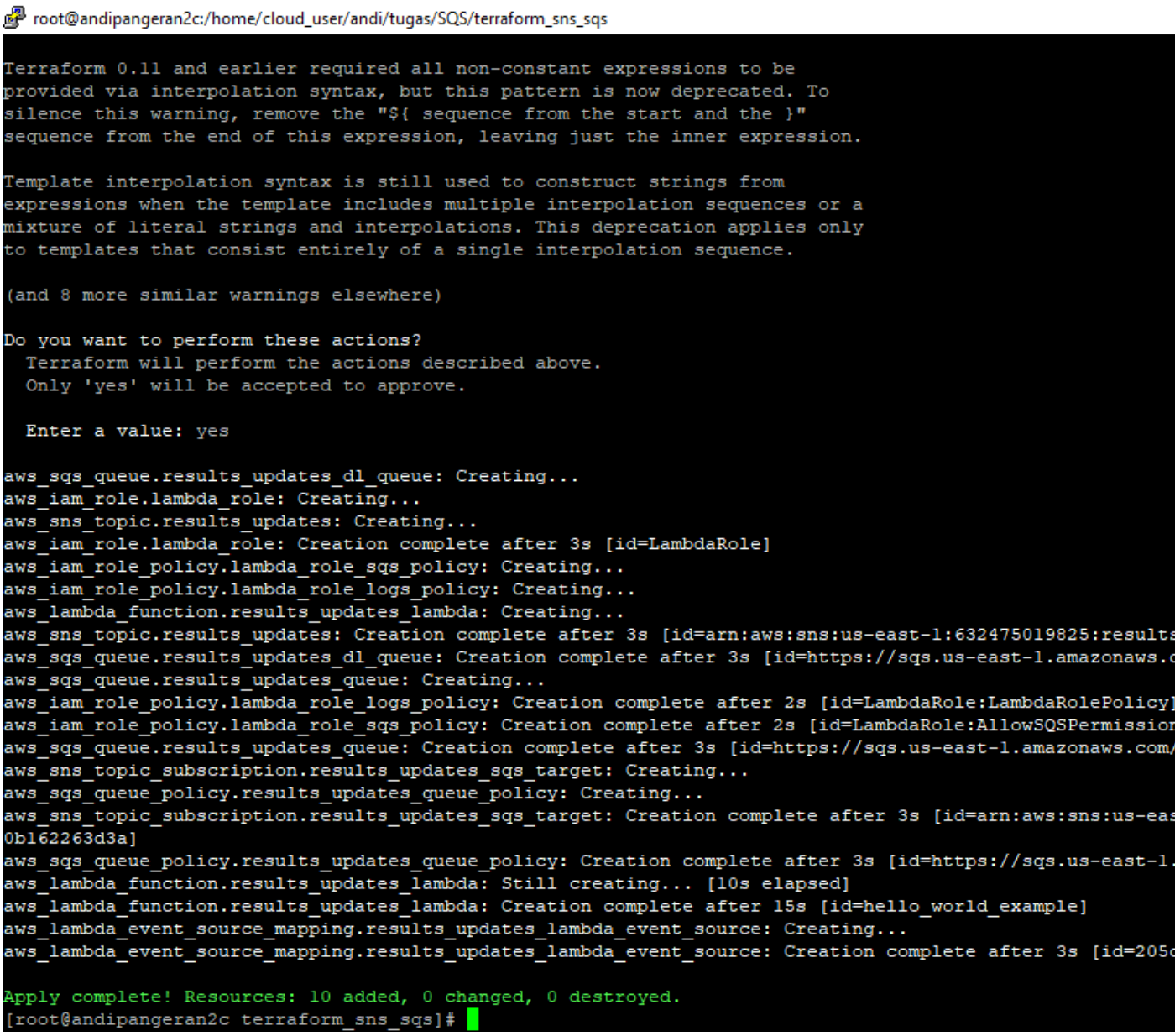
Terraform apply

```
[root@andipangeran2c terraform_sns_sqs]# terraform apply
var.region
  The name of the region

  Enter a value: yes
```

root@andipangeran2c:/home/cloud_user/andi/tugas/SQS/terraform_sns_sqs

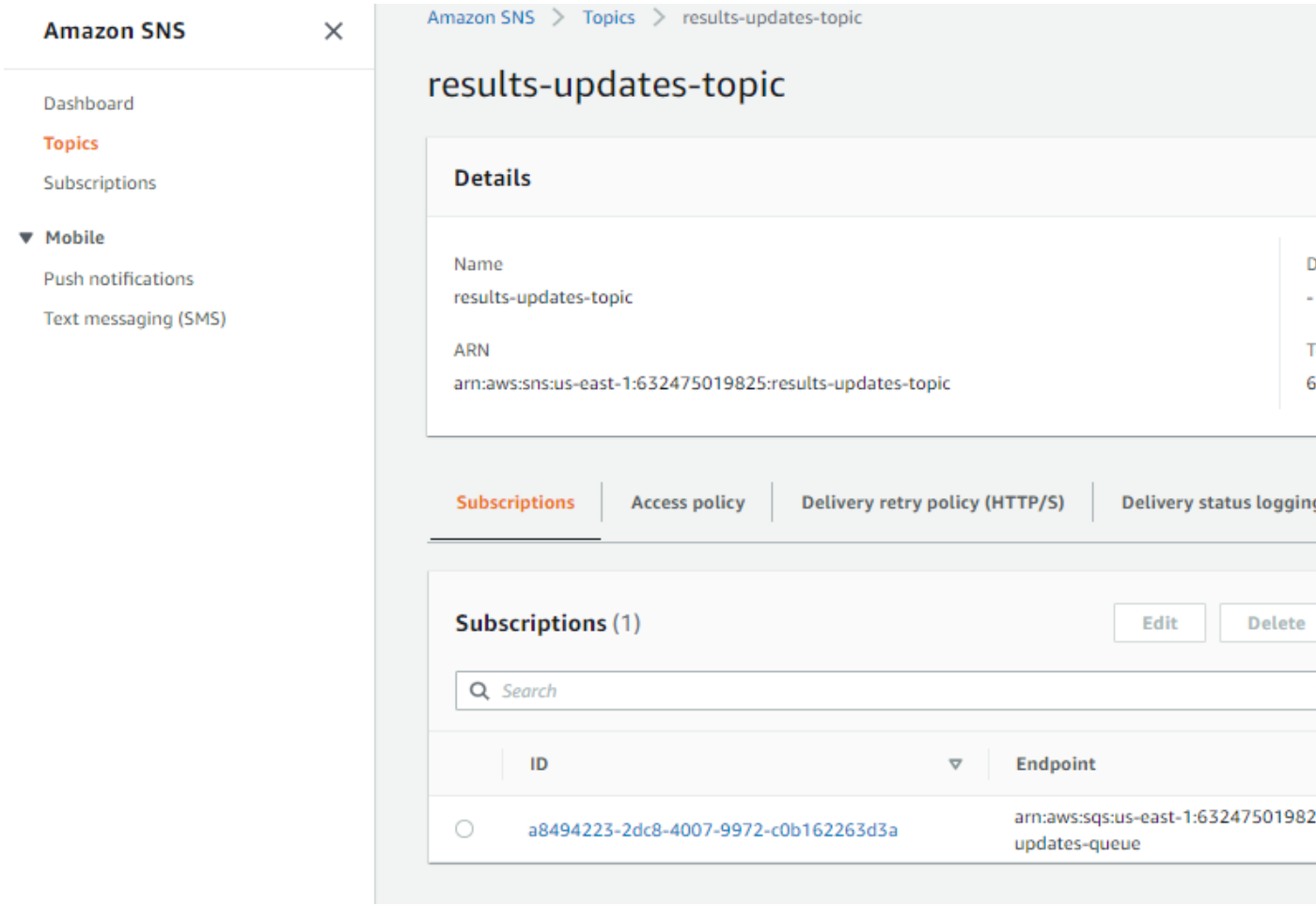
```
      + max_message_size                = 262144
      + message_retention_seconds       = 345600
      + name                            = "results-updates-queue"
      + policy                          = (known after apply)
      + receive_wait_time_seconds       = 0
      + redrive_policy                  = (known after apply)
      + tags                            = {
          + "Environment" = "dev"
        }
      + visibility_timeout_seconds      = 300
    }

  # aws_sqs_queue_policy.results_updates_queue_policy will be created
  + resource "aws_sqs_queue_policy" "results_updates_queue_policy" {
      + id        = (known after apply)
      + policy    = (known after apply)
      + queue_url = (known after apply)
    }

Plan: 10 to add, 0 to change, 0 to destroy.


Warning: Interpolation-only expressions are deprecated

  on resources.tf line 34, in resource "aws_sqs_queue_policy" "results_updates_queue_po
  34:     queue_url = "${aws_sqs_queue.results_updates_queue.id}"

Terraform 0.11 and earlier required all non-constant expressions to be
provided via interpolation syntax, but this pattern is now deprecated. To
silence this warning, remove the "${ sequence from the start and the }"
sequence from the end of this expression, leaving just the inner expression.

Template interpolation syntax is still used to construct strings from
expressions when the template includes multiple interpolation sequences or a
mixture of literal strings and interpolations. This deprecation applies only
to templates that consist entirely of a single interpolation sequence.

(and 8 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
```

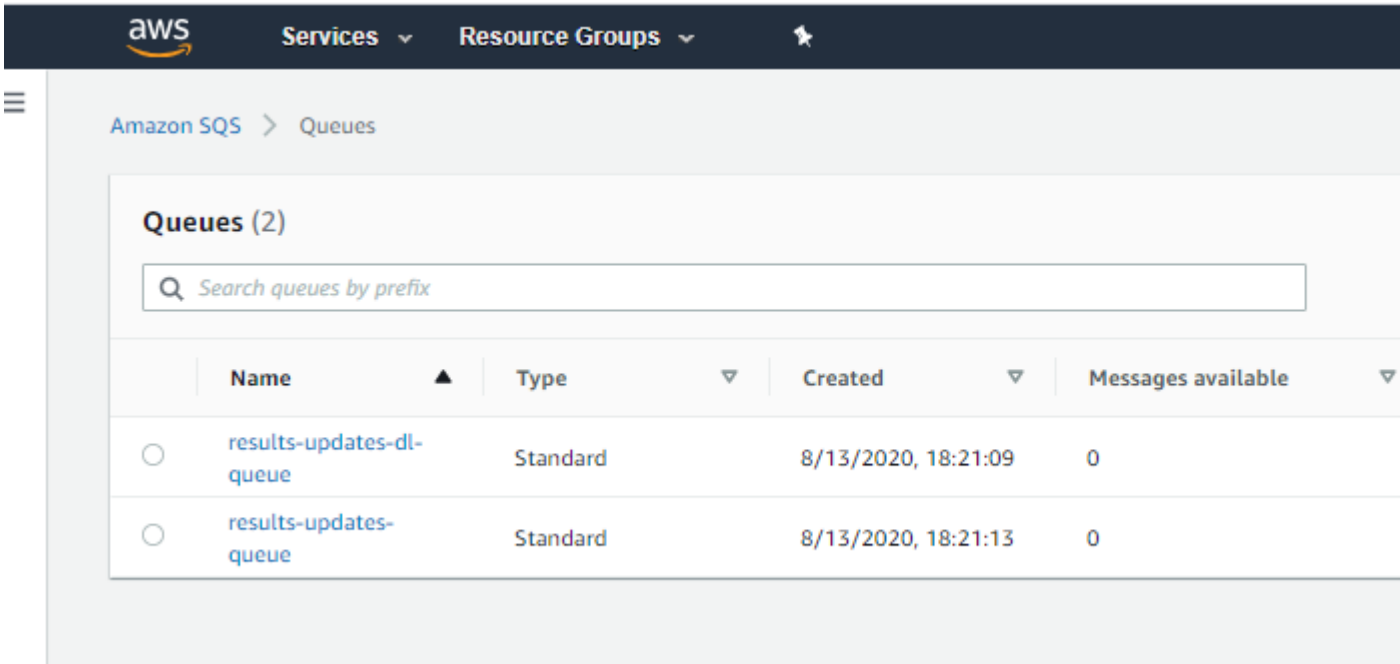
Dan berhasil

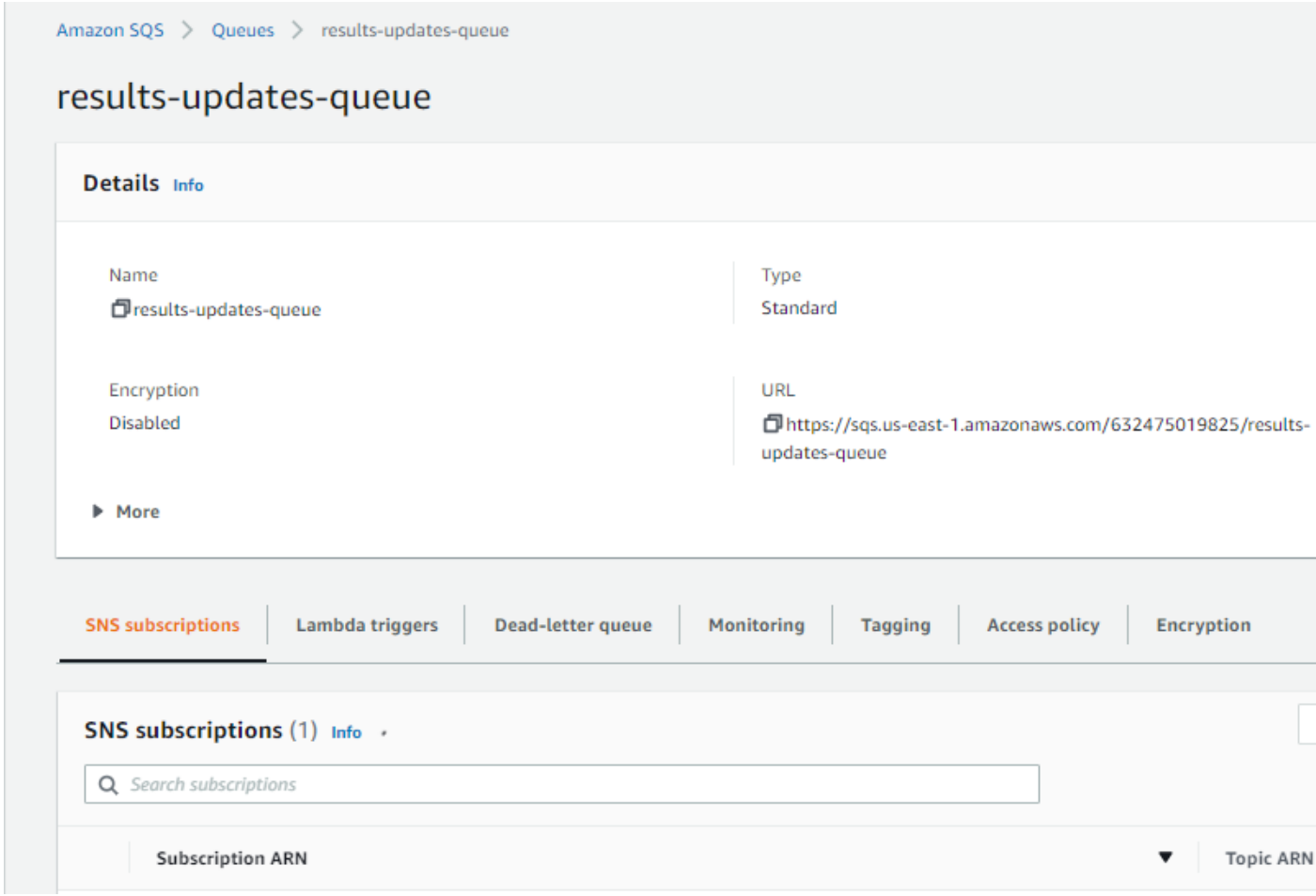


Sedikit tambahan jgn lupa ganti bagian ini, karena ini testing access_key dan secret key saya hapus di resource aws

```
[root@andipangeran2c terraform_sns_sqs]# ls -al
total 48
drwxr-xr-x. 4 root root  4096 Aug 13 11:21 .
drwxr-xr-x. 3 root root    30 Aug 13 06:56 ..
-rw-r--r--. 1 root root   413 Aug 13 06:56 data.tf
-rw-r--r--. 1 root root   596 Aug 13 06:56 .editorconfig
drwxr-xr-x. 2 root root    41 Aug 13 06:56 lambda
-rw-r--r--. 1 root root     0 Aug 13 06:56 outputs.tf
-rw-r--r--. 1 root root   385 Aug 13 10:53 providers.tf
-rw-r--r--. 1 root root   507 Aug 13 06:56 README.md
-rw-r--r--. 1 root root  4901 Aug 13 06:56 resources.tf
drwxr-xr-x. 3 root root    20 Aug 13 11:17 .terraform
-rw-r--r--. 1 root root 13672 Aug 13 11:21 terraform.tfstate
-rw-r--r--. 1 root root   316 Aug 13 06:56 variables.tf
[root@andipangeran2c terraform_sns_sqs]# cat providers.tf
# ------------------------------------------------------------------------------
# PROVIDERS
# ------------------------------------------------------------------------------
provider "aws" {
access_key = "AKIAZGQTS5IYVCZXUQKH"
secret_key = "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"
region = "us-east-1"
}

[root@andipangeran2c terraform_sns_sqs]#
```


Amazon SNS
Dashboard
Topics
Subscriptions
Mobile
Push notifications
Text messaging (SMS)
Amazon SNS > Topics > results-updates-topic
results-updates-topic
Details
Name
results-updates-topic
ARN
arn:aws:sns:us-east-1:632475019825:results-updates-topic
Subscriptions
Access policy
Delivery retry policy (HTTP/S)
Delivery status logging
Subscriptions (1)
Edit
Delete
Search
ID
Endpoint
a8494223-2dc8-4007-9972-c0b162263d3a
arn:aws:sqs:us-east-1:6324750198
updates-queue


aws
Services
Resource Groups
Amazon SQS > Queues
Queues (2)
Search queues by prefix
Name
Type
Created
Messages available
results-updates-dl-queue
Standard
8/13/2020, 18:21:09
0
results-updates-queue
Standard
8/13/2020, 18:21:13
0



Terraform destroy utk menghapus resource kita buat

root@andipangeran2c:/home/cloud_user/andi/tugas/SQS/terraform_sns_sqs

```
  on resources.tf line 34, in resource "aws_sqs_queue_policy" "results_updates_queue_policy":
  34:     queue_url = "${aws_sqs_queue.results_updates_queue.id}"

Terraform 0.11 and earlier required all non-constant expressions to be
provided via interpolation syntax, but this pattern is now deprecated. To
silence this warning, remove the "${ sequence from the start and the }"
sequence from the end of this expression, leaving just the inner expression.

Template interpolation syntax is still used to construct strings from
expressions when the template includes multiple interpolation sequences or a
mixture of literal strings and interpolations. This deprecation applies only
to templates that consist entirely of a single interpolation sequence.

(and 8 more similar warnings elsewhere)

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

  Enter a value: yes

aws_sqs_queue_policy.results_updates_queue_policy: Destroying... [id=https://sqs.us-east-1.amazonaws
aws_iam_role_policy.lambda_role_sqs_policy: Destroying... [id=LambdaRole:AllowSQSPermissions]
aws_sns_topic_subscription.results_updates_sqs_target: Destroying... [id=arn:aws:sns:us-east-1:6324
aws_iam_role_policy.lambda_role_logs_policy: Destroying... [id=LambdaRole:LambdaRolePolicy]
aws_lambda_event_source_mapping.results_updates_lambda_event_source: Destroying... [id=205c9902-476
aws_sqs_queue_policy.results_updates_queue_policy: Destruction complete after 1s
aws_iam_role_policy.lambda_role_logs_policy: Destruction complete after 1s
aws_iam_role_policy.lambda_role_sqs_policy: Destruction complete after 1s
aws_sns_topic_subscription.results_updates_sqs_target: Destruction complete after 1s
aws_sns_topic.results_updates: Destroying... [id=arn:aws:sns:us-east-1:632475019825:results-updates-
aws_lambda_event_source_mapping.results_updates_lambda_event_source: Destruction complete after 1s
aws_sqs_queue.results_updates_queue: Destroying... [id=https://sqs.us-east-1.amazonaws.com/6324750
aws_lambda_function.results_updates_lambda: Destroying... [id=hello_world_example]
aws_sqs_queue.results_updates_queue: Destruction complete after 1s
aws_sqs_queue.results_updates_dl_queue: Destroying... [id=https://sqs.us-east-1.amazonaws.com/63247
aws_sns_topic.results_updates: Destruction complete after 1s
aws_lambda_function.results_updates_lambda: Destruction complete after 1s
aws_iam_role.lambda_role: Destroying... [id=LambdaRole]
aws_sqs_queue.results_updates_dl_queue: Destruction complete after 1s
aws_iam_role.lambda_role: Destruction complete after 2s

Destroy complete! Resources: 10 destroyed.
[root@andipangeran2c terraform_sns_sqs]# terraform destroy
```