1-separate network resources into network module

```
File Edit View Terminal Tabs Help

voutputs.tf X

output "iti-vpc" > π value

value = aws_subnet.iti_subnet

value = aws_subnet.iti_subnet

value = aws_security_group

value = aws_security_group

value = aws_vpc.iti-vpc

value = aws_vpc.iti-vpc
```

```
[mahmoud@hestia mymodule]$ ls
iti-igw.tf iti-private-rt.tf iti-sg.tf iti-vpc.tf vars.tf
iti-nat.tf iti-public-rt.tf iti-subnets.tf outputs.tf
[mahmoud@hestia mymodule]$
```

2-verify your email in ses service

```
File Edit View Terminal Tabs Help

➤ ses.tf X

& resource "aws_ses_domain_identity" "ses_domain" > π domain

✓ 1 resource "aws_ses_domain_identity" "ses_domain" {

2 domain = var.domain

1 }

2
```

3-create lambda function to send email

4-create trigger to detect changes in state file and send the email

in email mention time of change and environment (dev or prod)

```
File Edit View Terminal Tabs Help
¥ lambda.tf X
      resource "archive_file" "lambda_package" {
                    = "zip"
        source_dir = "${path.module}/lambda_function"
      output_path = "${path.module}/lambda_function.zip"
      resource "aws_lambda_function" "send_email" {
        function_name = var.lambda_function_name
        role
                     = aws_iam_role.lambda_role.arn
                     = "lambda_function.lambda_handler"
        handler
        runtime
                     = "python3.9"
        filename = archive_file.lambda_package.output_path
 14
        source_code_hash = archive_file.lambda_package.output_base64sha256
        environment {
          variables = {
            RECIPIENT_EMAIL = var.recipient_email
```