

zhangxijing — ubuntu@ip-172-31-9-112: ~/csye6225\_assignment6 — ssh...

**Plan:** 5 to add, 0 to change, 0 to destroy.

Changes to Outputs:

```
+ public_ip = (known after apply)
aws_iam_role.my_role: Creating...
aws_security_group.web_sg: Creating...
aws_iam_role.my_role: Creation complete after 1s [id=my_s3_readonly_role]
aws_iam_instance_profile.my_instance_profile: Creating...
aws_iam_policy_attachment.s3_readonly: Creating...
aws_iam_policy_attachment.s3_readonly: Creation complete after 0s [id=s3_readonly_attach]
aws_security_group.web_sg: Creation complete after 3s [id=sg-0d0a783d4bc405219]
aws_iam_instance_profile.my_instance_profile: Creation complete after 6s [id=my_instance_profile]
aws_instance.web_server: Creating...
aws_instance.web_server: Still creating... [10s elapsed]
aws_instance.web_server: Creation complete after 14s [id=i-09b67bf52b2a2fbef]
```

**Apply complete! Resources: 5 added, 0 changed, 0 destroyed.**

**Outputs:**

```
public_ip = "34.227.163.128"
```

```
ubuntu@ip-172-31-9-112:~/csye6225_assignment6$
```



Hello, my name is Xijing Zhang



```
[ubuntu@ip-172-31-9-112:~/terraform-aws$ terraform destroy -auto-approve
aws_iam_role.ec2_role: Refreshing state... [id=xijing_ec2_role]
aws_security_group.web_sg: Refreshing state... [id=sg-0b6b1d7424f85c43a]
data.aws_ami.ubuntu: Reading...
aws_iam_instance_profile.ec2_profile: Refreshing state... [id=xijing_ec2_profile]
aws_iam_policy_attachment.s3_readonly: Refreshing state... [id=s3_readonly_attachment]
data.aws_ami.ubuntu: Read complete after 1s [id=ami-0a25f237e97fa2b5e]
aws_instance.web_server: Refreshing state... [id=i-0274cfa04b2e1d1aa]
```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

- destroy

Terraform will perform the following actions:

```
# aws_iam_instance_profile.ec2_profile will be destroyed
- resource "aws_iam_instance_profile" "ec2_profile" {
  - arn          = "arn:aws:iam::418272795271:instance-profile/xijing_ec2_profile" -> null
  - create_date  = "2025-03-17T04:58:55Z" -> null
  - id           = "xijing_ec2_profile" -> null
  - name         = "xijing_ec2_profile" -> null
  - path         = "/" -> null
  - role         = "xijing_ec2_role" -> null
  - tags         = {} -> null
  - tags_all     = {} -> null
  - unique_id    = "AIPAWCYYALKDRJZM46WB7" -> null
}

# aws_iam_policy_attachment.s3_readonly will be destroyed
- resource "aws_iam_policy_attachment" "s3_readonly" {
  - groups       = [] -> null
  - id           = "s3_readonly_attachment" -> null
  - name         = "s3_readonly_attachment" -> null
  - policy_arn   = "arn:aws:iam::aws:policy/AmazonS3ReadOnlyAccess" -> null
  - roles        = [
    - "my_s3_readonly_role",
    - "xijing-ec2-role",
    - "xijing_ec2_role",
  ] -> null
  - users        = [] -> null
}

# aws_iam_role.ec2_role will be destroyed
- resource "aws_iam_role" "ec2_role" {
  - arn          = "arn:aws:iam::418272795271:role/xijing_ec2_role" -> null
  - assume_role_policy = jsonencode(
    {
      - Statement = [
        - {
          - Action      = "sts:AssumeRole"
          - Effect      = "Allow"
          - Principal = {
            - Service = "ec2.amazonaws.com"
          }
        }
      ]
    }
  )
}
```

```

    ] -> null
  - id = "sg-0b6b1d7424f85c43a" -> null
  - ingress = [
    - {
      - cidr_blocks = [
        - "0.0.0.0/0",
      ]
      - description = ""
      - from_port = 80
      - ipv6_cidr_blocks = []
      - prefix_list_ids = []
      - protocol = "tcp"
      - security_groups = []
      - self = false
      - to_port = 80
    },
  ] -> null
  - name = "web-server-sg" -> null
  - owner_id = "418272795271" -> null
  - revoke_rules_on_delete = false -> null
  - tags = {} -> null
  - tags_all = {} -> null
  - vpc_id = "vpc-0afdfcffa2870ffea" -> null
}

```

**Plan:** 0 to add, 0 to change, 5 to destroy.

Changes to Outputs:

```

- instance_public_ip = "54.196.239.52" -> null
aws_instance.web_server: Destroying... [id=i-0274cfa04b2e1d1aa]
aws_iam_policy_attachment.s3_readonly: Destroying... [id=s3_readonly_attachment]
aws_iam_policy_attachment.s3_readonly: Destruction complete after 0s
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 10s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 20s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 30s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 40s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 50s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 1m0s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 1m10s elapsed]
aws_instance.web_server: Still destroying... [id=i-0274cfa04b2e1d1aa, 1m20s elapsed]
aws_instance.web_server: Destruction complete after 1m21s
aws_iam_instance_profile.ec2_profile: Destroying... [id=xijing_ec2_profile]
aws_security_group.web_sg: Destroying... [id=sg-0b6b1d7424f85c43a]
aws_iam_instance_profile.ec2_profile: Destruction complete after 0s
aws_iam_role.ec2_role: Destroying... [id=xijing_ec2_role]
aws_security_group.web_sg: Destruction complete after 1s
aws_iam_role.ec2_role: Destruction complete after 0s

```

**Destroy complete! Resources: 5 destroyed.**  
 ubuntu@ip-172-31-9-112:~/terraform-aws\$