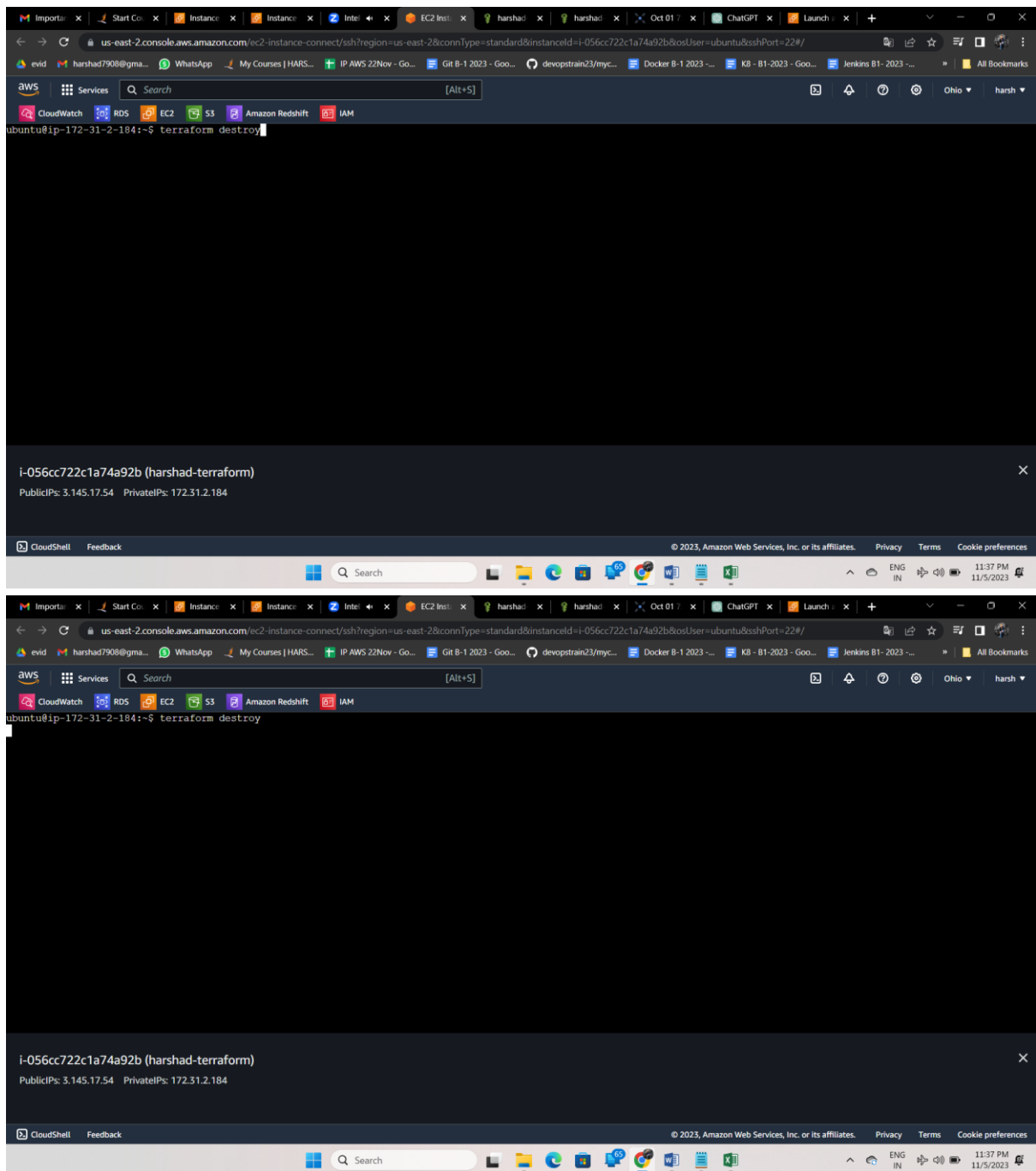


Terraform Assignment 5



Importar x Start Co x Instance x Instance x Intel x EC2 Inst x harshad x harshad x Oct 01 7 x ChatGPT x Launch x +

us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu&sshPort=22#/?

CloudWatch RDS EC2 S3 Amazon Redshift IAM

ubuntu@ip-172-31-2-184:~\$ sudo nano main.tf

i-056cc722c1a74a92b (harshad-terraform)
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184

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Importar x Start Coun x Instance d x Instance d x Intellipai x EC2 Inst x vella j IAM x Oct 01 72 x ChatGPT x Launch ai x +

us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu&sshPort=22#/?

CloudWatch RDS EC2 S3 Amazon Redshift IAM

ubuntu@ip-172-31-2-184:~\$ sudo nano main.tf
ubuntu@ip-172-31-2-184:~\$ sudo cat install-apache2.sh

i-056cc722c1a74a92b (harshad-terraform)
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184

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```
Important x Start Cour x Instance d x Instance d x Intellipa x EC2 Instar x vella | IAM x Oct 01 72 x ChatGPT x Launch an x +
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8&sshPort=22#/
AWS Services Search [Alt+S] CloudWatch RDS EC2 S3 Amazon Redshift IAM
GNU nano 6.2 install-apache2.sh *
#!/bin/bash
sudo apt update -y
sudo apt install apache2 -y
sudo su
echo "Custom html page" > /var/www/html/index.html

NG Help Write Out Where Is Cut Execute Location Undo Set Mark To Bracket Previous
EX Exit Read File Replace Paste Justify Go To Line Redo Copy Where Was Next

i-056cc722c1a74a92b (harshad-terraform)
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184

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```

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Important x Start Cour x Instance d x Instance d x Intellipa x EC2 Instar x vella | IAM x Oct 01 72 x ChatGPT x Launch an x +
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8&sshPort=22#/
AWS Services Search [Alt+S] CloudWatch RDS EC2 S3 Amazon Redshift IAM
ubuntu@ip-172-31-2-184:~$ sudo nano main.tf
ubuntu@ip-172-31-2-184:~$ sudo cat install-apache2.sh
cat: install-apache2.sh: No such file or directory
ubuntu@ip-172-31-2-184:~$ sudo nano install-apache2.sh
ubuntu@ip-172-31-2-184:~$ sudo nano main.tf
ubuntu@ip-172-31-2-184:~$

i-056cc722c1a74a92b (harshad-terraform)
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184

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Important x Start Cour x Instance d x Instance d x Intellipa x EC2 Instar x vella j IAM x Oct 01 72 x ChatGPT x Launch an x +
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8&sshPort=22#
AWS Services Search [Alt+S]
CloudWatch RDS EC2 S3 Amazon Redshift IAM
ubuntu@ip-172-31-2-184:~$ sudo nano main.tf
ubuntu@ip-172-31-2-184:~$ sudo cat install-apache2.sh
cat: install-apache2.sh: No such file or directory
ubuntu@ip-172-31-2-184:~$ sudo nano install-apache2.sh
ubuntu@ip-172-31-2-184:~$ sudo nano main.tf
ubuntu@ip-172-31-2-184:~$ terraform plan

i-056cc722c1a74a92b (harshad-terraform)
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184

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```

```
Important x Start Cour x Instance d x Instance d x Intellipa x EC2 Instar x vella j IAM x Oct 01 72 x ChatGPT x Launch an x +
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8&sshPort=22#
AWS Services Search [Alt+S]
CloudWatch RDS EC2 S3 Amazon Redshift IAM
+ security_groups = (known after apply)
+ source_dest_check = true
+ spot_instance_request_id = (known after apply)
+ subnet_id = (known after apply)
+ tags = {
+   "Name" = "a5-instance"
+ }
+ tags_all = {
+   "Name" = "a5-instance"
+ }
+ tenancy = (known after apply)
+ user_data = "d26de4858e9223b1f428342d01458d4b2d859142"
+ user_data_base64 = (known after apply)
+ user_data_replace_on_change = false
+ vpc_security_group_ids = (known after apply)
}

Plan: 1 to add, 0 to change, 0 to destroy.

Changes to Outputs:
+ IPv4 = (known after apply)

Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
ubuntu@ip-172-31-2-184:~$

i-056cc722c1a74a92b (harshad-terraform)
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```

```
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8sshPort=22#/  
AWS  
CloudWatch RDS EC2 S3 Amazon Redshift IAM  
+ source_dest_check = true  
+ spot_instance_request_id = (known after apply)  
+ subnet_id = (known after apply)  
+ tags = {  
  + "Name" = "a5-instance"  
}  
+ tags_all = {  
  + "Name" = "a5-instance"  
}  
+ tenancy = (known after apply)  
+ user_data = "d26de4858e9223b1f42834d01458d4b2d859142"  
+ user_data_base64 = (known after apply)  
+ user_data_replace_on_change = false  
+ vpc_security_group_ids = (known after apply)  
}  
  
Plan: 1 to add, 0 to change, 0 to destroy.  
  
Changes to Outputs:  
  + IPv4 = (known after apply)  
  
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.  
ubuntu@ip-172-31-2-184:~$ terraform apply  
  
i-056cc722c1a74a92b (harshad-terraform)  
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184
```

```
us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-056cc722c1a74a92b&osUser=ubuntu8sshPort=22#/  
AWS  
CloudWatch RDS EC2 S3 Amazon Redshift IAM  
  
Changes to Outputs:  
  + IPv4 = (known after apply)  
  
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  
  
aws_instance.a5-instance: Creating...  
  
Error: creating EC2 Instance: UnauthorizedOperation: You are not authorized to perform this operation. User: arn:aws:iam::056673816282:user:vella is not authorized to perform: ec2:RunInstances on resource: arn:aws:ec2:us-east-2:056673816282:instance/* because no permissions boundary allows the ec2:RunInstances action. Encoded authorization failure message: X9vj5yxnLQK4YdUlxq1ckBEC66r9pG9eCI7NwKLEItivNgIUsdNamz2x4fVpXGAm34uMLGFOC584nfB5M4dGEZ8Y60hfiULndovTSdvZzbk2OEWWhBflyqjeV_Ss60ouf64iz0BbscoaXogB4nlzraGcvbWcB0Pt-rfrfgqFsq46sdyas0chertgukZnakT8kFgocpPz74S9bhi7oJqlJwJrgysd1gWgV8C3Uk3p00MmHrDp04uocB-L0VucOC0baF660mPl7osyipaWvILWVZKhjtnaIgs0SzoI2su9wLw-wrDwC3xklFAPyzD8mnr2o661v6g0L2ky95CjJ2zd7Kw1Vf9Mf98mWChSdrcrca398evuIlucJu-QRw448U8W0gm QmUr8vX102mM7pwt1lrh4XomiiH ttSiMaB89Qc8D-05o Col8orddVhuZau2qf3-gYzazegord4ozixKx0ud17cy205vjKigtQvQ3KXgaQeIntr:s8d1ov8T3j_3b9d81c1b25jLx892xM7owdVrQW7s70I3b_arI4JRo0zgU7i2T_h2A0yIM6QtzqsfqohVBSzABcm9aJk8LDQ8k0tAlxqwmZMnutzhonlp8SYQ30r4-W8_L2uxkjEMg6Civd-qwQ status code: 403, request id: 64b45541-5e61-496c-900f-aae3a4931f02  
  
with aws_instance.a5-instance,  
on main.tf line 7, in resource "aws_instance" "a5-instance":  
7: resource "aws_instance" "a5-instance" {  
  
ubuntu@ip-172-31-2-184:~$  
  
i-056cc722c1a74a92b (harshad-terraform)  
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184
```

Important x Start Cour x Instance d x Instance d x Intellipa x EC2 Instar x vella | IAM x Oct 01 7:2 x ChatGPT x Launch an x

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users/details/vella/section=permissions

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

▼ Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

▼ Access reports

- Access analyzer
- Archive rules
- Analizers
- Settings

Permissions are defined by policies attached to the user directly or through groups.

Filter by Type: All types

Policy name	Type	Attached via
No resources to display		

▼ Permissions boundary (set)

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more about permission boundaries](#)

Permissions boundary

☒ [AWSAccountManagementFullAccess](#) AWS managed

Change boundary Remove boundary

▼ Generate policy based on CloudTrail events

You can generate a new policy based on the access activity for this user, then customize, create, and attach it to this role. AWS uses your CloudTrail events to identify the

https://us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/policies/details/

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