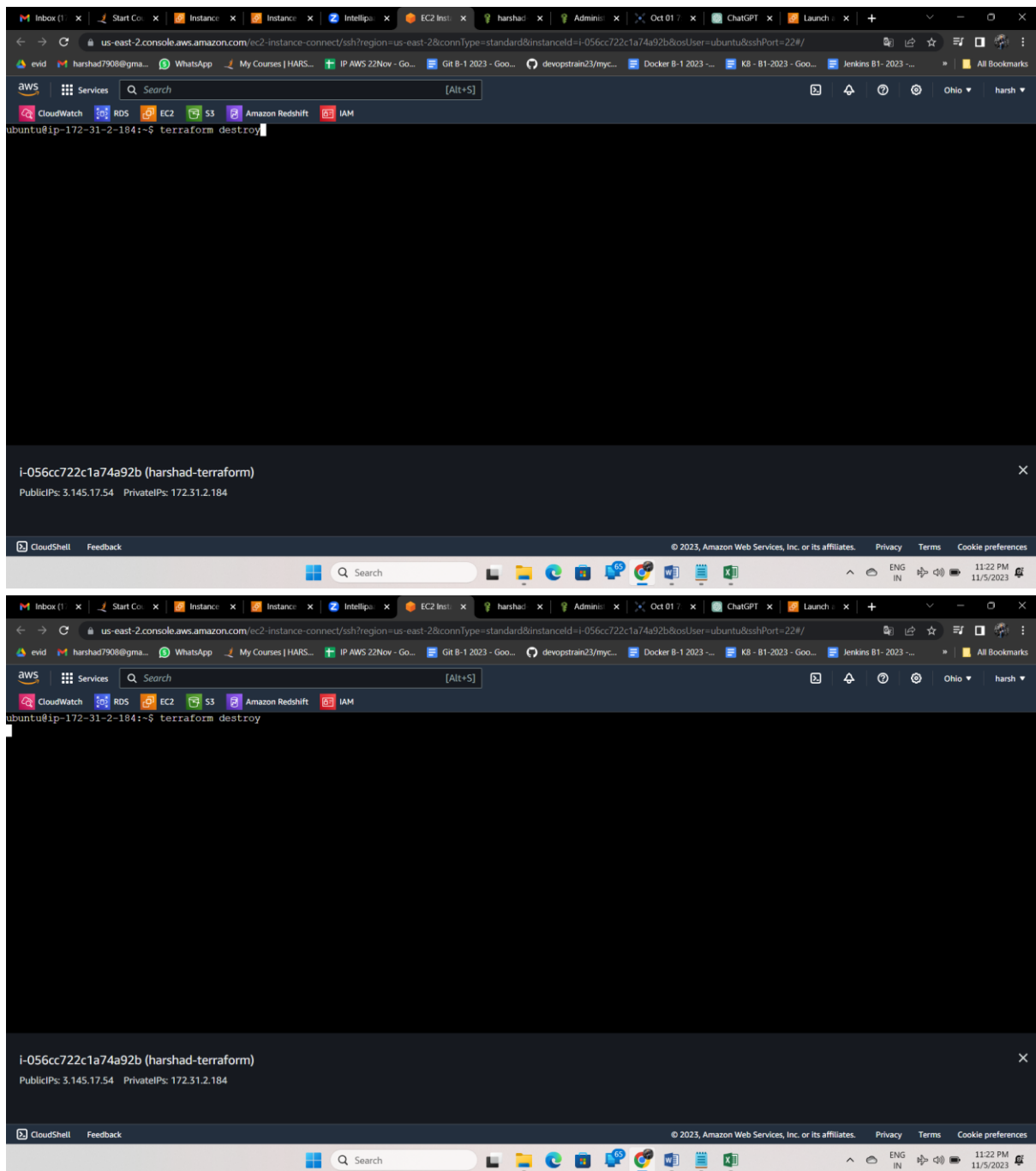


# Terraform Assignment 4



Import: x Start Co: x Instance x Instance x Intelli: x EC2 Inst: x harshad x Admin: 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#/?

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

GNU nano 6.2 main.tf \*

```
key_name = "dhanya"
tags = {
  Name = "assignment-4"
}

resource "aws_vpc" "assignment-4-vpc" {
  cidr_block = "10.10.0.0/16"
  tags = {
    Name = "assignment-4-vpc"
  }
}

resource "aws_subnet" "assignment-4-subnet" {
  vpc_id = aws_vpc.assignment-4-vpc.id
  cidr_block = "10.10.0.0/18"
  availability_zone = "us-east-2a"
  tags = {
    Name = "assignment-4-subnet"
  }
}
```

Help Write Out Where Is Cut Execute Location Undo Set Mark To Bracket Previous  
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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Import: x Start Co: x Instance x Instance x Intelli: x EC2 Inst: x harshad x Admin: 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#/?

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:~\$ terraform plan

i-056cc722c1a74a92b (harshad-terraform)  
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Import: x Start Co x Instance x Instance x Intel x EC2 Inst x harshad x Admini x Oct 01 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#

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

```
+ default_security_group_id = (known after apply)
+ dhcp_options_id          = (known after apply)
+ enable_dns_hostnames     = (known after apply)
+ enable_dns_support       = true
+ enable_network_address_usage_metrics = (known after apply)
+ id                       = (known after apply)
+ instance_tenancy         = "default"
+ ipv6_association_id      = (known after apply)
+ ipv6_cidr_block          = (known after apply)
+ ipv6_cidr_block_network_border_group = (known after apply)
+ main_route_table_id     = (known after apply)
+ owner_id                = (known after apply)
+ tags                    = {
+   + "Name" = "assignment-4-vpc"
+ }
+ tags_all                = {
+   + "Name" = "assignment-4-vpc"
+ }
```

Plan: 3 to add, 0 to change, 0 to destroy.

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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Import: x Start Co x Instance x Instance x Intel x EC2 Inst x harshad x Admini x Oct 01 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#

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

```
+ default_security_group_id = (known after apply)
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+ enable_dns_hostnames     = (known after apply)
+ enable_dns_support       = true
+ enable_network_address_usage_metrics = (known after apply)
+ id                       = (known after apply)
+ instance_tenancy         = "default"
+ ipv6_association_id      = (known after apply)
+ ipv6_cidr_block          = (known after apply)
+ ipv6_cidr_block_network_border_group = (known after apply)
+ main_route_table_id     = (known after apply)
+ owner_id                = (known after apply)
+ tags                    = {
+   + "Name" = "assignment-4-vpc"
+ }
+ tags_all                = {
+   + "Name" = "assignment-4-vpc"
+ }
```

Plan: 3 to add, 0 to change, 0 to destroy.

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)

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Import: x Start Co x Instance x Instance x Intel x EC2 Inst x harshad x Admini x Oct 01 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#/?

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

```
+ default_security_group_id = (known after apply)
+ dhcp_options_id          = (known after apply)
+ enable_dns_hostnames      = (known after apply)
+ enable_dns_support        = true
+ enable_network_address_usage_metrics = (known after apply)
+ id                        = (known after apply)
+ instance_tenancy          = "default"
+ ipv6_association_id       = (known after apply)
+ ipv6_cidr_block           = (known after apply)
+ ipv6_cidr_block_network_border_group = (known after apply)
+ main_route_table_id       = (known after apply)
+ owner_id                  = (known after apply)
+ tags                      = {
+   + "Name" = "assignment-4-vpc"
+ }
+ tags_all                  = {
+   + "Name" = "assignment-4-vpc"
+ }
```

Plan: 3 to add, 0 to change, 0 to destroy.

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)

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Import: x Start Co x Instance x Instance x Intel x EC2 Inst x harshad x Admini x Oct 01 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#/?

Services Search [Alt+S]

CloudWatch RDS EC2 S3 Amazon Redshift IAM

```
+ dhcp_options_id          = (known after apply)
+ enable_dns_hostnames      = (known after apply)
+ enable_dns_support        = true
+ enable_network_address_usage_metrics = (known after apply)
+ id                        = (known after apply)
+ instance_tenancy          = "default"
+ ipv6_association_id       = (known after apply)
+ ipv6_cidr_block           = (known after apply)
+ ipv6_cidr_block_network_border_group = (known after apply)
+ main_route_table_id       = (known after apply)
+ owner_id                  = (known after apply)
+ tags                      = {
+   + "Name" = "assignment-4-vpc"
+ }
+ tags_all                  = {
+   + "Name" = "assignment-4-vpc"
+ }
```

Plan: 3 to add, 0 to change, 0 to destroy.

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

i-056cc722c1a74a92b (harshad-terraform)

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```
Import: x Start Co: x Instance x Instance x Intel x EC2 Inst: x harshad x Admini: 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=ubuntu8sshPort=22#/  
evid harshad7908@gmail.com WhatsApp My Courses | HARS... IP AWS 22Nov - Go... Git B-1 2023 - Goo... devopstrain23/myc... Docker B-1 2023 -... K8 - B1-2023 - Goo... Jenkins B1- 2023 -... All Bookmarks  
AWS Services Search [Alt+S]  
CloudWatch RDS EC2 S3 Amazon Redshift IAM  
+ dhcp_options_id = (known after apply)  
+ enable_dns_hostnames = (known after apply)  
+ enable_dns_support = true  
+ enable_network_address_usage_metrics = (known after apply)  
+ id = (known after apply)  
+ instance_tenancy = "default"  
+ ipv6_association_id = (known after apply)  
+ ipv6_cidr_block = (known after apply)  
+ ipv6_cidr_block_network_border_group = (known after apply)  
+ main_route_table_id = (known after apply)  
+ owner_id = (known after apply)  
+ tags = {  
+ "Name" = "assignment-4-vpc"  
+ }  
+ tags_all = {  
+ "Name" = "assignment-4-vpc"  
+ }  
+ }  
Plan: 3 to add, 0 to change, 0 to destroy.  
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  
i-056cc722c1a74a92b (harshad-terraform)  
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184  
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```

```
Import: x Start Co: x Instance x Instance x Intel x EC2 Inst: x harshad x Admini: 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=ubuntu8sshPort=22#/  
evid harshad7908@gmail.com WhatsApp My Courses | HARS... IP AWS 22Nov - Go... Git B-1 2023 - Goo... devopstrain23/myc... Docker B-1 2023 -... K8 - B1-2023 - Goo... Jenkins B1- 2023 -... All Bookmarks  
AWS Services Search [Alt+S]  
CloudWatch RDS EC2 S3 Amazon Redshift IAM  
+ }  
+ }  
Plan: 3 to add, 0 to change, 0 to destroy.  
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_vpc.assignment-4-vpc: Creating...  
Error: creating EC2 VPC: operation error EC2: CreateVpc, https response error StatusCode: 403, RequestID: 0b198c97-a8cd-4f68-98b0-0b6ae42843ca, api error UnauthorizedOperation: You are not authorized to perform this operation. User: arn:aws:iam::1056673816282:user/harshad-09 is not authorized to perform: ec2:CreateVpc on resource: arn:aws:ec2:us-east-2:1056673816282:vpc/* because no permissions boundary allows the ec2:CreateVpc action. Encoded authorization failure message: pwn-RATwckR-Crvedu2gk39wyr18Ssubn6dQayv0m9Purdu2Rud8u5jCmUgimmpVrPwe_142q3ta9wpxtMz7alhd36x5jyhxpcYw16rxdsp10_u1K0liuKv19zhM5q7by1114ebssqMqM6Vv021lyUy-hbV1TzWeyBstTRngucrv1tK060L0Y9Y40151jpxzJA711v2alNh41jW9F6CwebT1Mb3j4_zdlqW-xitcm58vZq9y25cc3YR0p8gfu0F4z8u5Stqxo0F_zBzn5-bCthS4Tr1hfzq3YaphelM0Yty15urfqo0wKrbtqkuoL0CuzN5zuN11jnP4W_V0acWhb6-C0smd0_c_17msefVesJTMZSop924Ep2d7kf4d8xMj7kYrtzgduKk3v91_kpXf81blg3NoGYdkeC5ptm905njofxpmoXix0JL-gW1TPzrPMws2BJZ32W78z0BjWK1m5jxNFXcsaTncCc78EJor016nKxrZMF7AbznA  
with aws_vpc.assignment-4-vpc,  
on main.tf line 17, in resource "aws_vpc" "assignment-4-vpc":  
17: resource "aws_vpc" "assignment-4-vpc" {  
ubuntu8ip-172-31-2-184:~$  
i-056cc722c1a74a92b (harshad-terraform)  
PublicIPs: 3.145.17.54 PrivateIPs: 172.31.2.184  
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```

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users/details/harshad-09/section=permissions

Identity and Access Management (IAM)

Created November 05, 2023, 21:35 (UTC+05:30)

Last console sign-in Never

Access key 2  
Used today. Created today.  
[Create access key](#)

Permissions Groups (1) Tags (1) Security credentials Access Advisor

Permissions policies (2/4)

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

Filter by Type

Search

All types

Policy name	Type	Attached via
<input checked="" type="checkbox"/> AdministratorAccess	AWS managed - job function	Directly
<input type="checkbox"/> AWSAccountManagementFullAccess	AWS managed	Directly
<input checked="" type="checkbox"/> AWSFMAAdminFullAccess	AWS managed	Group yella
<input type="checkbox"/> IAMUserChangePassword	AWS managed	Directly

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us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users/details/harshad-09/section=permissions

Identity and Access Management (IAM)

Created November 05, 2023, 21:35 (UTC+05:30)

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Access key 2  
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Permissions are defined by policies attached to the user directly or through groups.

Filter by Type

Search

All types

Policy name	Type	Attached via
<input checked="" type="checkbox"/> AdministratorAccess	AWS managed - job function	Directly
<input checked="" type="checkbox"/> AWSAccountManagementFullAccess	AWS managed	Directly
<input checked="" type="checkbox"/> AWSFMAAdminFullAccess	AWS managed	Group yella
<input type="checkbox"/> IAMUserChangePassword	AWS managed	Directly

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