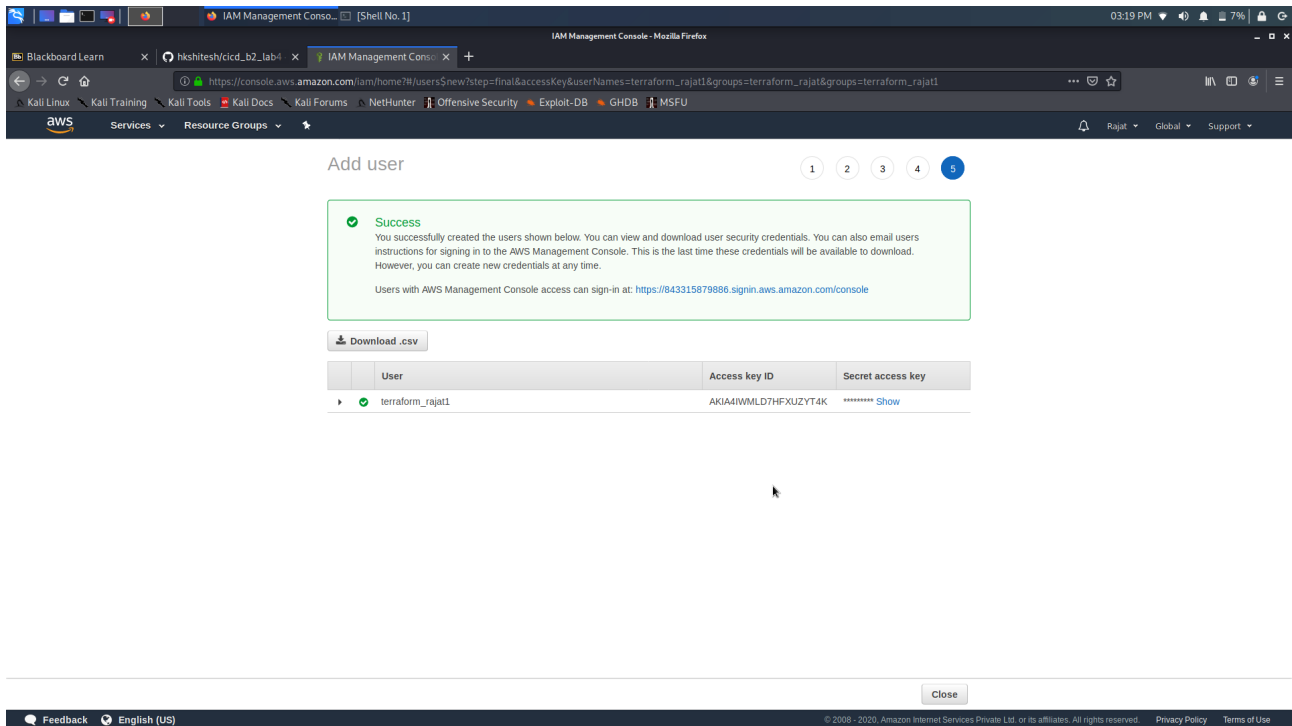


TERRAFORM EXPERIMENT



Add user

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://843315879886.signin.aws.amazon.com/console>

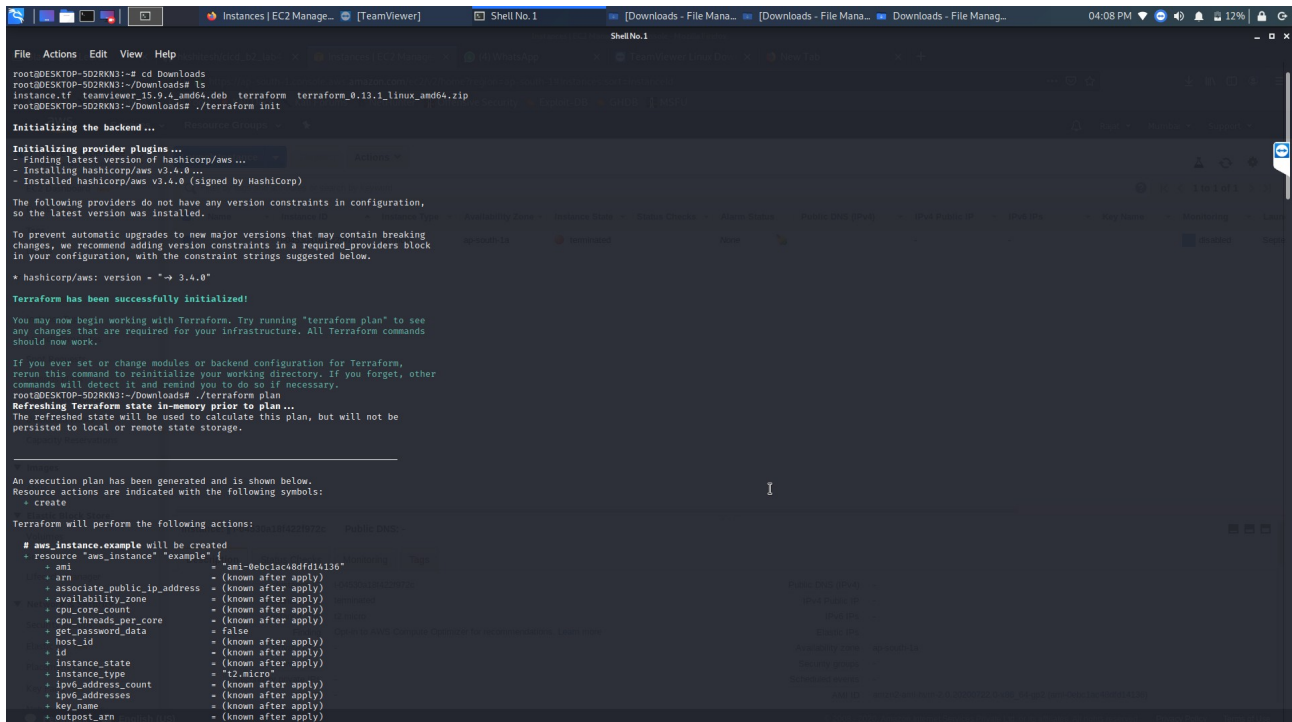
[Download .csv](#)

User	Access key ID	Secret access key
terraform_rajat1	AKIA4IWM7DFHXUZY4K	***** Show

[Close](#)

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./terraform init:-



```
root@DESKTOP-S02RKN3:~# cd Downloads
root@DESKTOP-S02RKN3:~/Downloads# ls
terraform_0.13.1_linux_amd64.zip
root@DESKTOP-S02RKN3:~/Downloads# ./terraform init

Initializing the backend...

Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v3.4.0...
- Installed hashicorp/aws v3.4.0 (signed by HashiCorp)

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, we recommend adding version constraints in a required_providers block
in your configuration, with the constraint strings suggested below.

* hashicorp/aws: version = "~> 3.4.0"

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@DESKTOP-S02RKN3:~/Downloads# ./terraform plan

Refreshing Terraform state in-memory prior to plan...
The refreshed state will be used to calculate this plan, but will not be
persisted to local or remote state storage.

An execution plan has been generated and is shown below.
Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

# aws_instance.example will be created
+ resource "aws_instance" "example" {
  + ami           = "ami-0ebc1ac48dfd14136"
  + arch          = (known after apply)
  + associate_public_ip_address = (known after apply)
  + availability_zone = (known after apply)
  + cpu_core_count = (known after apply)
  + cpu_threads_per_core = (known after apply)
  + get_password_data = false
  + host_id        = (known after apply)
  + id             = (known after apply)
  + instance_state = (known after apply)
  + instance_type  = "t2.micro"
  + ipv6_address_count = (known after apply)
  + ipv6_addresses = (known after apply)
  + key_name       = (known after apply)
  + outpost_arn    = (known after apply)
```

./terraform apply

```
File Actions Edit View Help
root@DESKTOP-S02RKN3:~/Downloads ./terraform apply

An execution plan has been generated and is shown below.
Resource actions are indicated with the following symbols:
+ create

Terraform will perform the following actions:

# aws_instance.example will be created
+ resource "aws_instance" "example" {
  ami           = "ami-0ebc1ac48df14136"
  arn           = (known after apply)
  associate_public_ip_address = (known after apply)
  availability_zone = (known after apply)
  cpu_core_count = (known after apply)
  cpu_threads_per_core = (known after apply)
  get_password_data = false
  host_id       = (known after apply)
  id           = (known after apply)
  instance_state = (known after apply)
  instance_type = "t2.micro"
  ipv6_address_count = (known after apply)
  ipv6_addresses = (known after apply)
  key_name      = (known after apply)
  outpost_arn   = (known after apply)
  password_data = (known after apply)
  placement_group = (known after apply)
  primary_network_interface_id = (known after apply)
  private_dns   = (known after apply)
  private_ip    = (known after apply)
  public_dns    = (known after apply)
  public_ip     = (known after apply)
  secondary_private_ips = (known after apply)
  security_groups = (known after apply)
  source_dest_check = true
  subnet_id     = (known after apply)
  tenancy       = (known after apply)
  volume_tags   = (known after apply)
  vpc_security_group_ids = (known after apply)

  ebs_block_device {
    delete_on_termination = (known after apply)
    device_name            = (known after apply)
    encrypted              = (known after apply)
    iops                   = (known after apply)
    kms_key_id             = (known after apply)
    snapshot_id            = (known after apply)
    volume_id              = (known after apply)
    volume_size            = (known after apply)
    volume_type            = (known after apply)
  }

  ephemeral_block_device {
    device_name = (known after apply)
    no_device   = (known after apply)
    virtual_name = (known after apply)
  }

  metadata_options {
    http_endpoint = (known after apply)
    http_put_response_hop_limit = (known after apply)
  }
}
```

./terraform destroy

```
File Actions Edit View Help
root@DESKTOP-S02RKN3:~/Downloads ./terraform destroy

An execution plan has been generated and is shown below.
Resource actions are indicated with the following symbols:
- destroy

Terraform will perform the following actions:

# aws_instance.example will be destroyed
- resource "aws_instance" "example" {
  ami           = "ami-0ebc1ac48df14136" -> null
  arn           = "arn:aws:ec2:ap-south-1:843115879886:instance/i-04538a18f422f972c" -> null
  associate_public_ip_address = true -> null
  availability_zone = "ap-south-1a" -> null
  cpu_core_count = 1 -> null
  cpu_threads_per_core = 1 -> null
  disable_api_termination = false -> null
  ebs_optimized           = false -> null
  get_password_data       = false -> null
  hibernation              = false -> null
  id                      = "i-04538a18f422f972c" -> null
  instance_state          = "running" -> null
  instance_type           = "t2.micro" -> null
  ipv6_address_count       = 0 -> null
  ipv6_addresses          = [] -> null
  monitoring              = false -> null
  primary_network_interface_id = "eni-070f6dccc4adabc45" -> null
  private_dns             = "ip-172-31-37-2.ap-south-1.compute.internal" -> null
  private_ip              = "172.31.37.2" -> null
  public_dns              = "ec2-15-207-84-97.ap-south-1.compute.amazonaws.com" -> null
  public_ip               = "15.207.84.97" -> null
  secondary_private_ips    = [] -> null
  security_groups         = ["sg-b91b3dd0"] -> null
  source_dest_check        = true -> null
  subnet_id               = "subnet-e8282780" -> null
  tags                    = {} -> null
  tenancy                 = "default" -> null
  volume_tags             = {} -> null
  vpc_security_group_ids  = [] -> null
}
```

```
File Actions Edit View Help
id = "i-04530a18f422f972c" → null
instance_state = "running" → null
instance_type = "t2.micro" → null
ipv4_address_count = 0 → null
ipv4_addresses = [] → null
monitoring = false → null
primary_network_interface_id = "eni-070f6d4cc6adabc45" → null
private_dns = "ip-172-31-37-2.ap-south-1.compute.internal" → null
private_ip = "172.31.37.2" → null
public_dns = "ec2-15-207-84-97.ap-south-1.compute.amazonaws.com" → null
public_ip = "15.207.84.97" → null
secondary_private_ips = [] → null
security_groups = ["sg-b0bb2add"] → null
source_dest_check = true → null
subnet_id = "subnet-e8282780" → null
tags = {} → null
tenancy = "default" → null
volume_tags = {} → null
vpc_security_group_ids = ["sg-b0bb2add"] → null
credit_specification {
  cpu_credits = "standard" → null
}
metadata_options {
  http_endpoint = "enabled" → null
  http_response_hop_limit = 1 → null
  http_tokens = "optional" → null
}
root_block_device {
  delete_on_termination = true → null
  device_name = "/dev/xvda" → null
  encrypted = false → null
  iops = 100 → null
  volume_id = "vol-0b0ad721194a9ed2" → null
  volume_size = 8 → null
  volume_type = "gp2" → null
}
}
Instance [i-04530a18f422f972c] Public DNS:

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

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_instance.example: Destroying... [id=i-04530a18f422f972c]
aws_instance.example: Still destroying... [id=i-04530a18f422f972c, 10s elapsed]
aws_instance.example: Still destroying... [id=i-04530a18f422f972c, 20s elapsed]
aws_instance.example: Still destroying... [id=i-04530a18f422f972c, 30s elapsed]
aws_instance.example: Destruction complete after 31s

Destroy complete! Resources: 1 destroyed.
root@DESKTOP-S02RKN3: ~/Downloads
```

Instance file

```
File Edit Search View Document Help
Warning, you are using the root account, you may harm your system.

/root/Downloads/instance.tf - Mousepad

provider "aws" {
  access_key = "AKIAIWMILD7HECEPQXU7"
  secret_key = "OmI1SD2Y7pXBHlFESS5CDISofNds51nwQ0Jg36z"
  region     = "ap-south-1"
}

resource "aws_instance" "example" {
  ami      = "ami-0ebc1ac48df614130"
  instance_type = "t2.micro"
}
```

Instances | EC2 Management Console - Mozilla Firefox

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring	Launched
	i-04530a18f422972c	t2.micro	ap-south-1a	running	Initializing	None	ec2-15-207-84-97.ap-sou...	15.207.84.97	-	-	disabled	Sept

Instance: **i-04530a18f422972c** Public DNS: **ec2-15-207-84-97.ap-south-1.compute.amazonaws.com**

Description | Status Checks | Monitoring | Tags

Property	Value
Instance ID	i-04530a18f422972c
Instance state	running
Instance type	t2.micro
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS	ip-172-31-37-2.ap-south-1.compute.internal
Private IPs	172.31.37.2
Secondary private IPs	-
Public DNS (IPv4)	ec2-15-207-84-97.ap-south-1.compute.amazonaws.com
IPv4 Public IP	15.207.84.97
IPv6 IPs	-
Elastic IPs	-
Availability zone	ap-south-1a
Security groups	default, view inbound rules , view outbound rules
Scheduled events	No scheduled events

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Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring	Launched
	i-04530a18f422972c	t2.micro	ap-south-1a	terminated	-	None	-	-	-	-	disabled	Sept

Instance: **i-04530a18f422972c** Public DNS: -

Description | Status Checks | Monitoring | Tags

Property	Value
Instance ID	i-04530a18f422972c
Instance state	terminated
Instance type	t2.micro
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS	-
Private IPs	-
Secondary private IPs	-
VPC ID	-
Public DNS (IPv4)	-
IPv4 Public IP	-
IPv6 IPs	-
Elastic IPs	-
Availability zone	ap-south-1a
Security groups	-
Scheduled events	-
AMI ID	amzn2-ami-hvm-2.0.20200722.0-x86_64-gp2 (ami-0ebc1ac489f1214136)

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