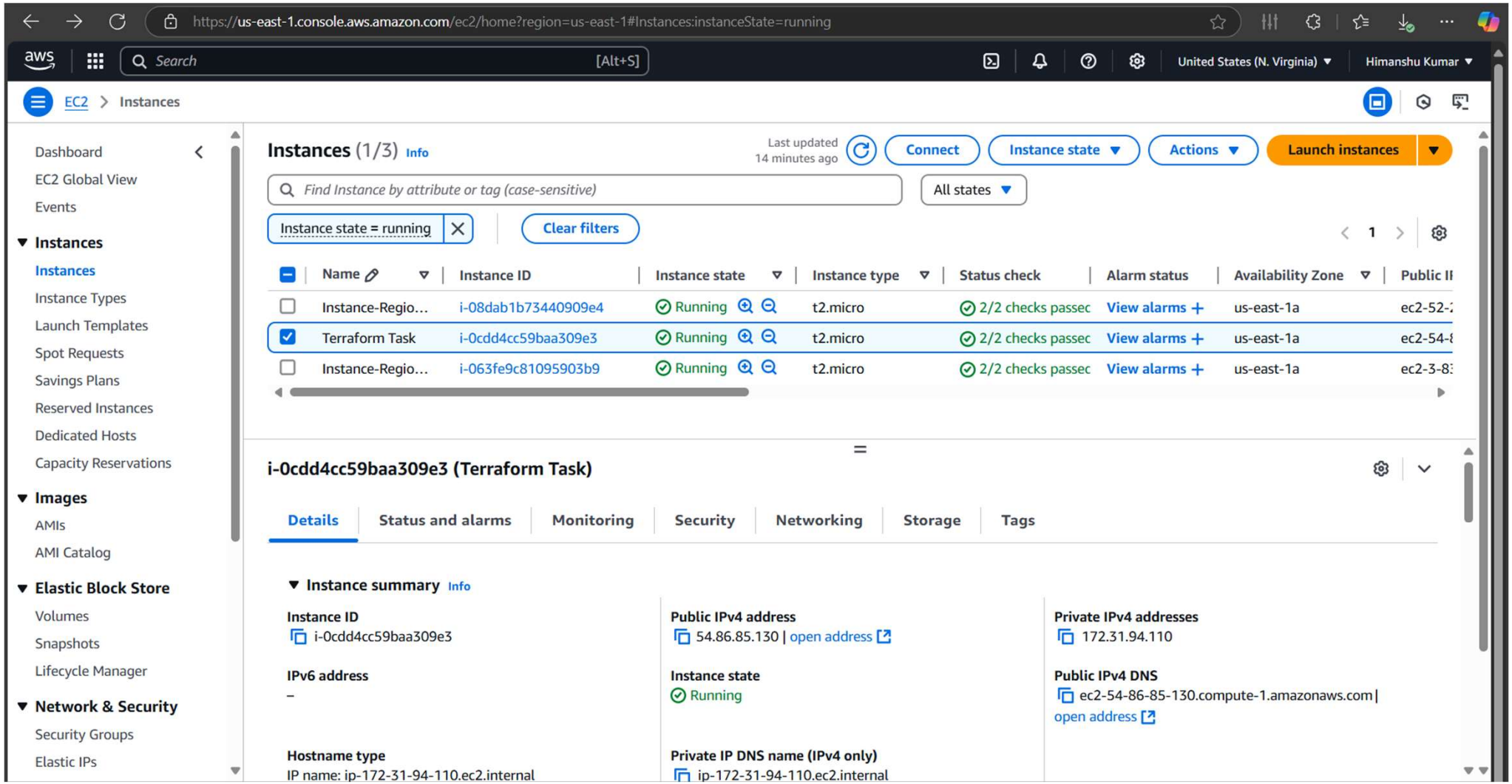
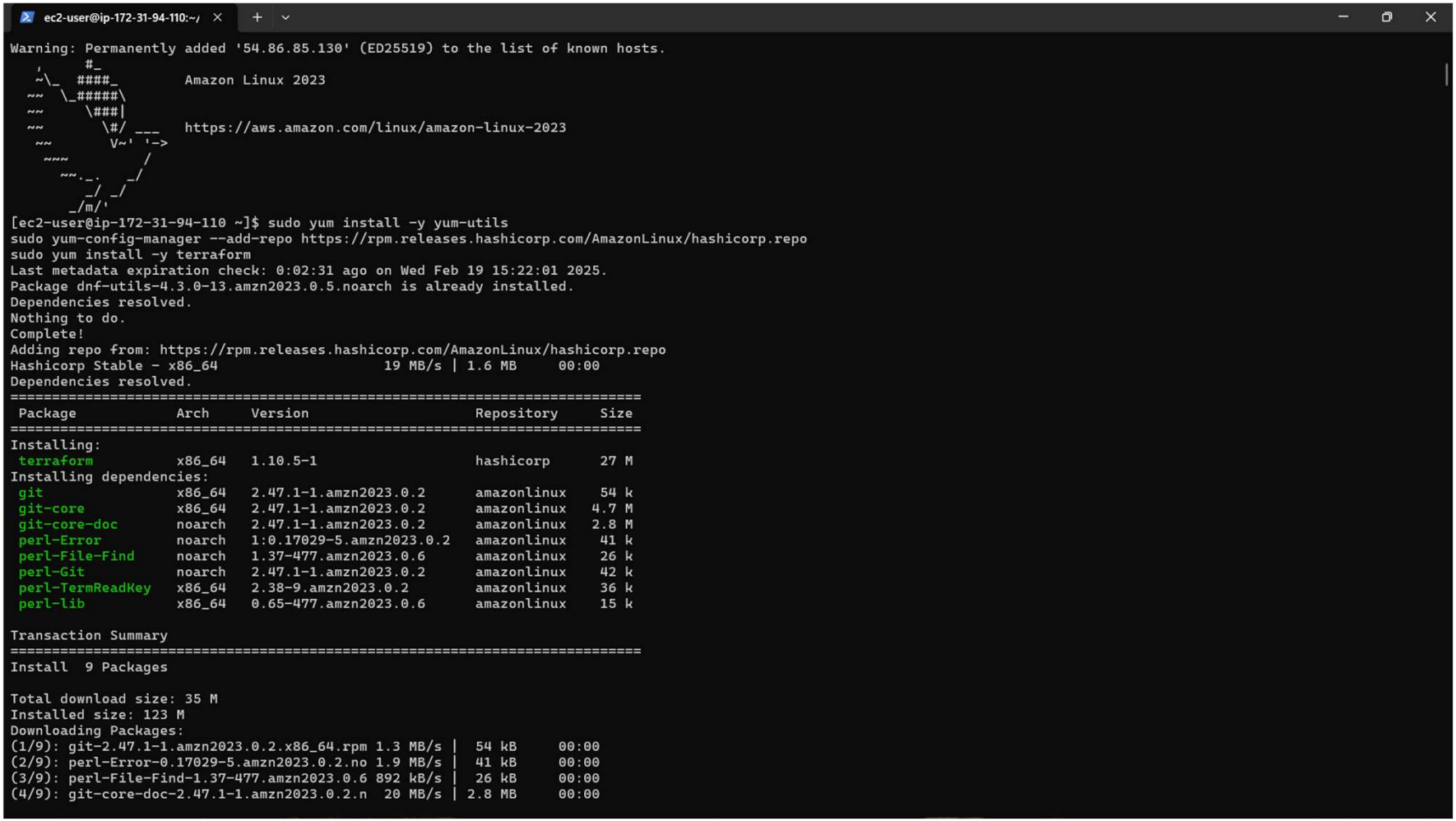
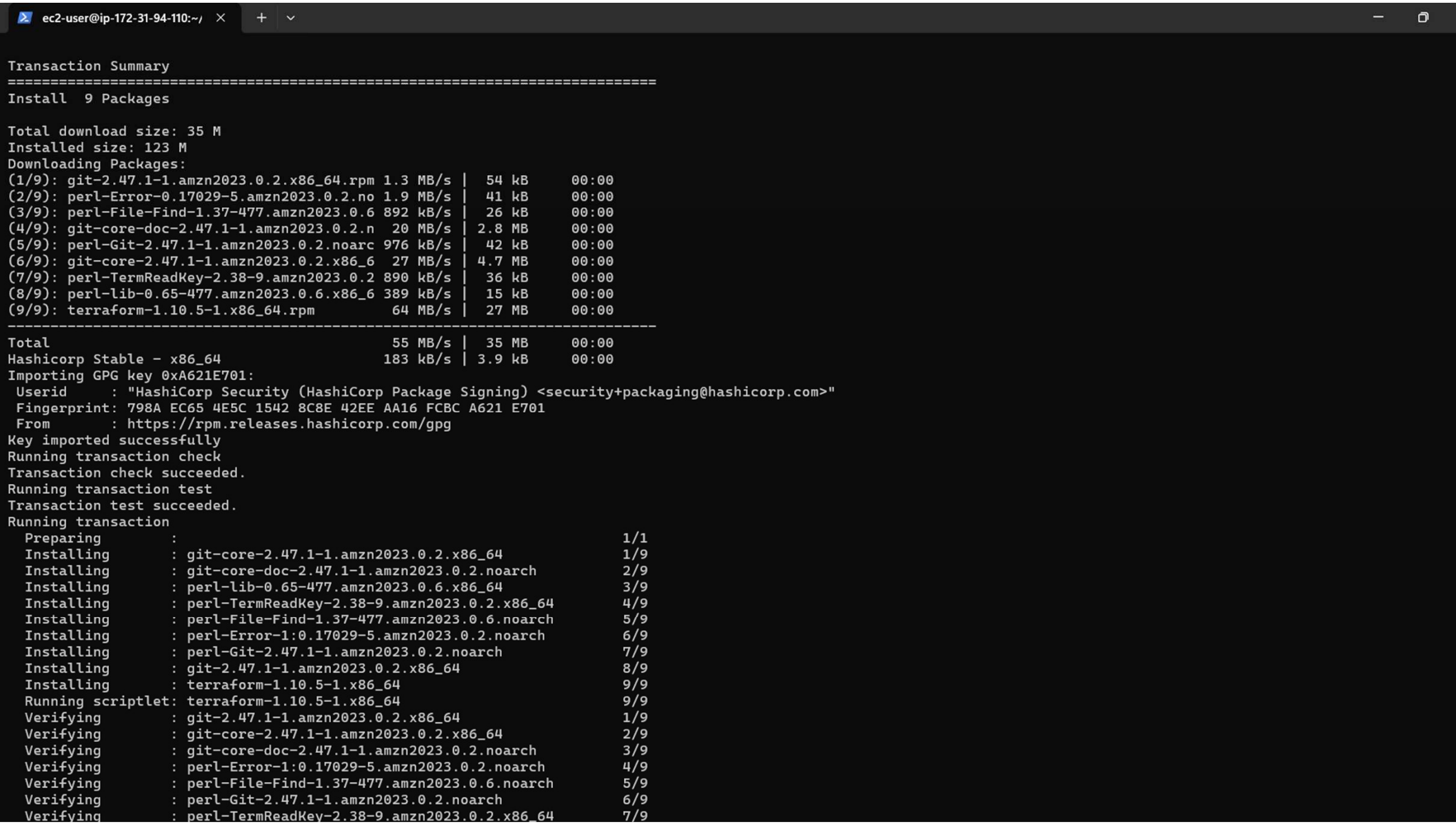
AWS EC2

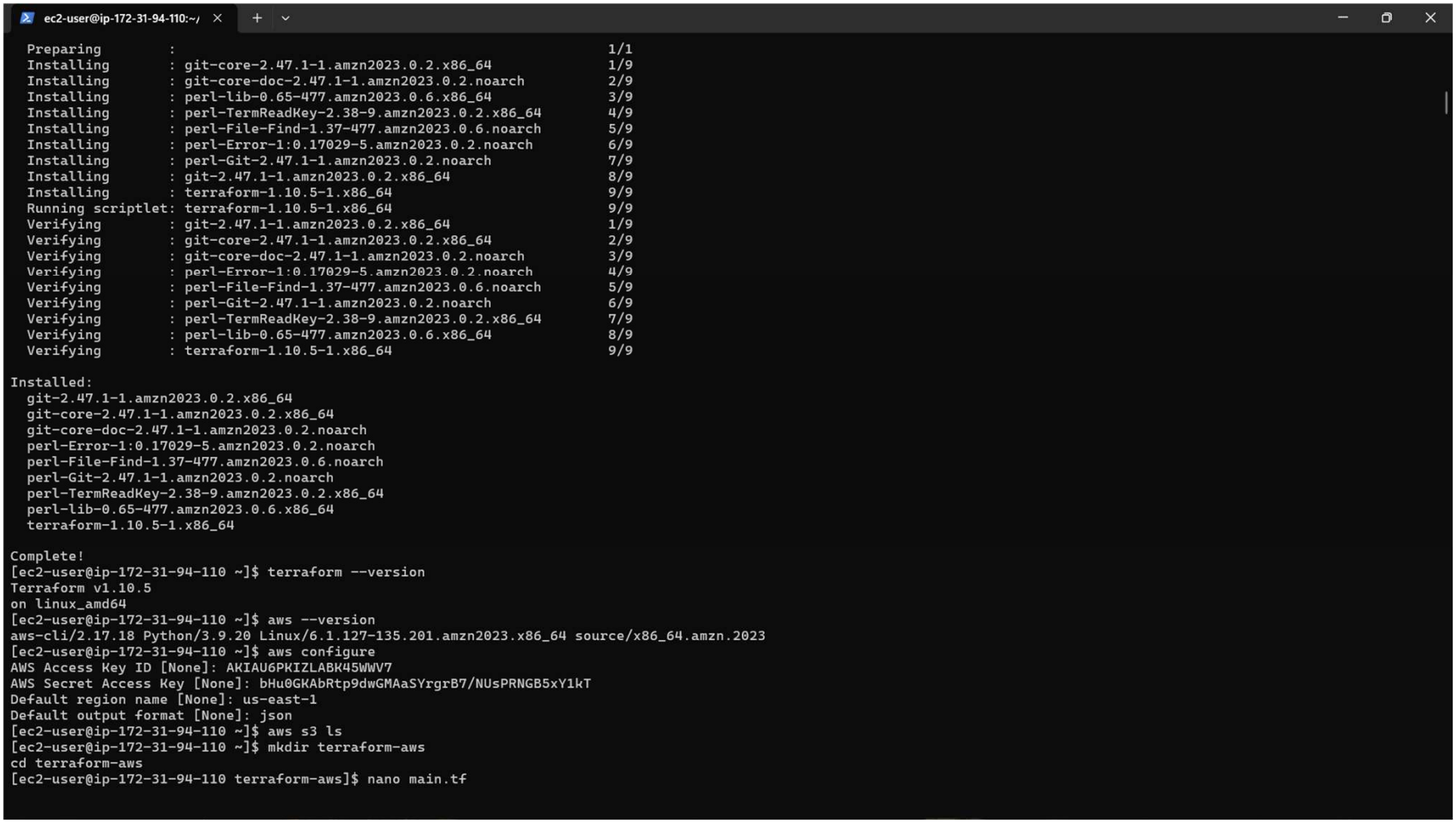

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
Search [Alt+S]
United States (N. Virginia)
Himanshu Kumar
EC2 > Instances
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Instances (1/3) Info
Last updated 14 minutes ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public II
Instance-Regio... i-08dab1b73440909e4 Running t2.micro 2/2 checks passec View alarms + us-east-1a ec2-52-
Terraform Task i-0cdd4cc59baa309e3 Running t2.micro 2/2 checks passec View alarms + us-east-1a ec2-54-
Instance-Regio... i-063fe9c81095903b9 Running t2.micro 2/2 checks passec View alarms + us-east-1a ec2-3-8
i-0cdd4cc59baa309e3 (Terraform Task)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-0cdd4cc59baa309e3
IPv6 address
–
Hostname type
IP name: ip-172-31-94-110.ec2.internal
Public IPv4 address
54.86.85.130 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-94-110.ec2.internal
Private IPv4 addresses
172.31.94.110
Public IPv4 DNS
ec2-54-86-85-130.compute-1.amazonaws.com | open address

Install Terraform

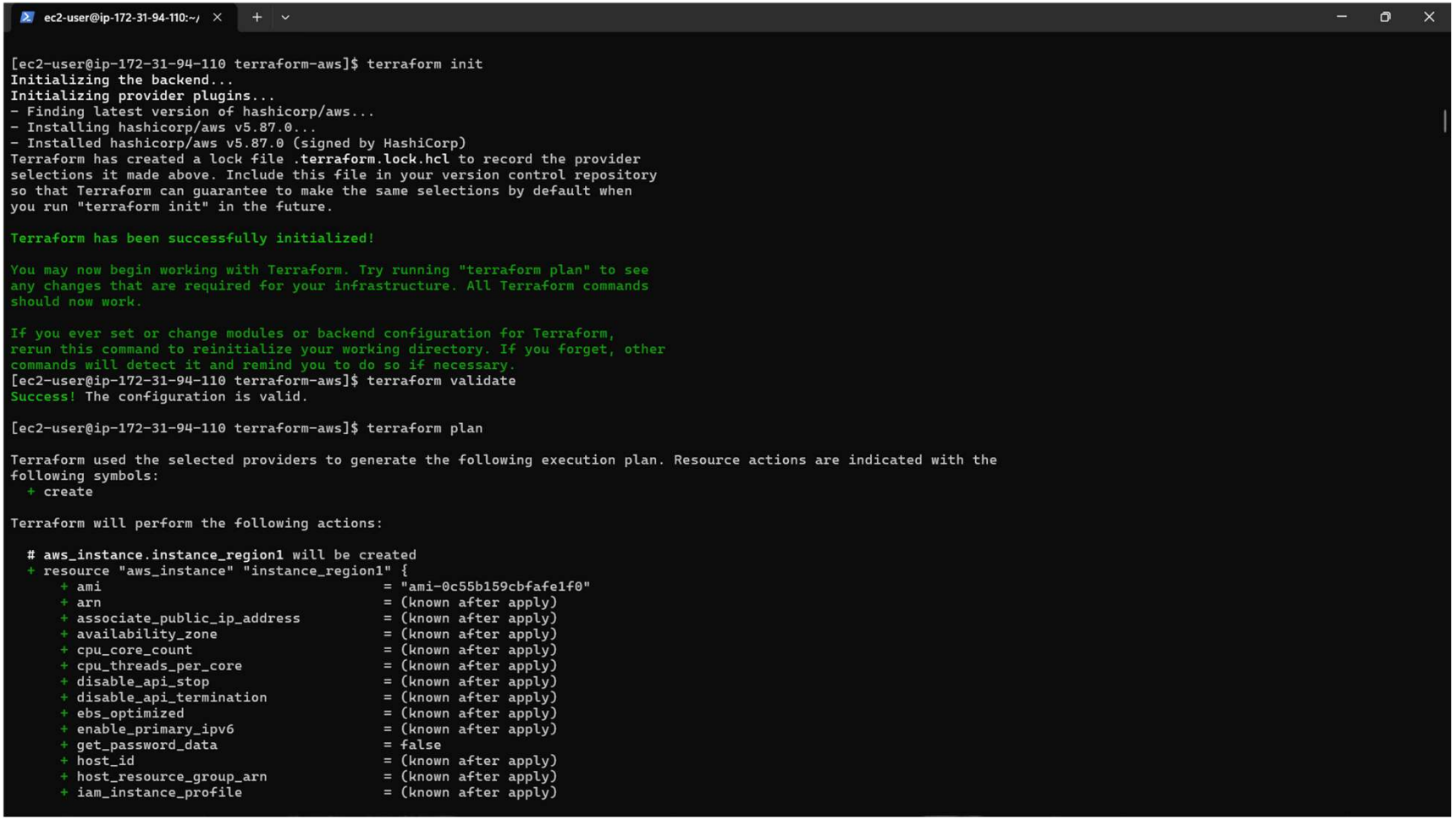


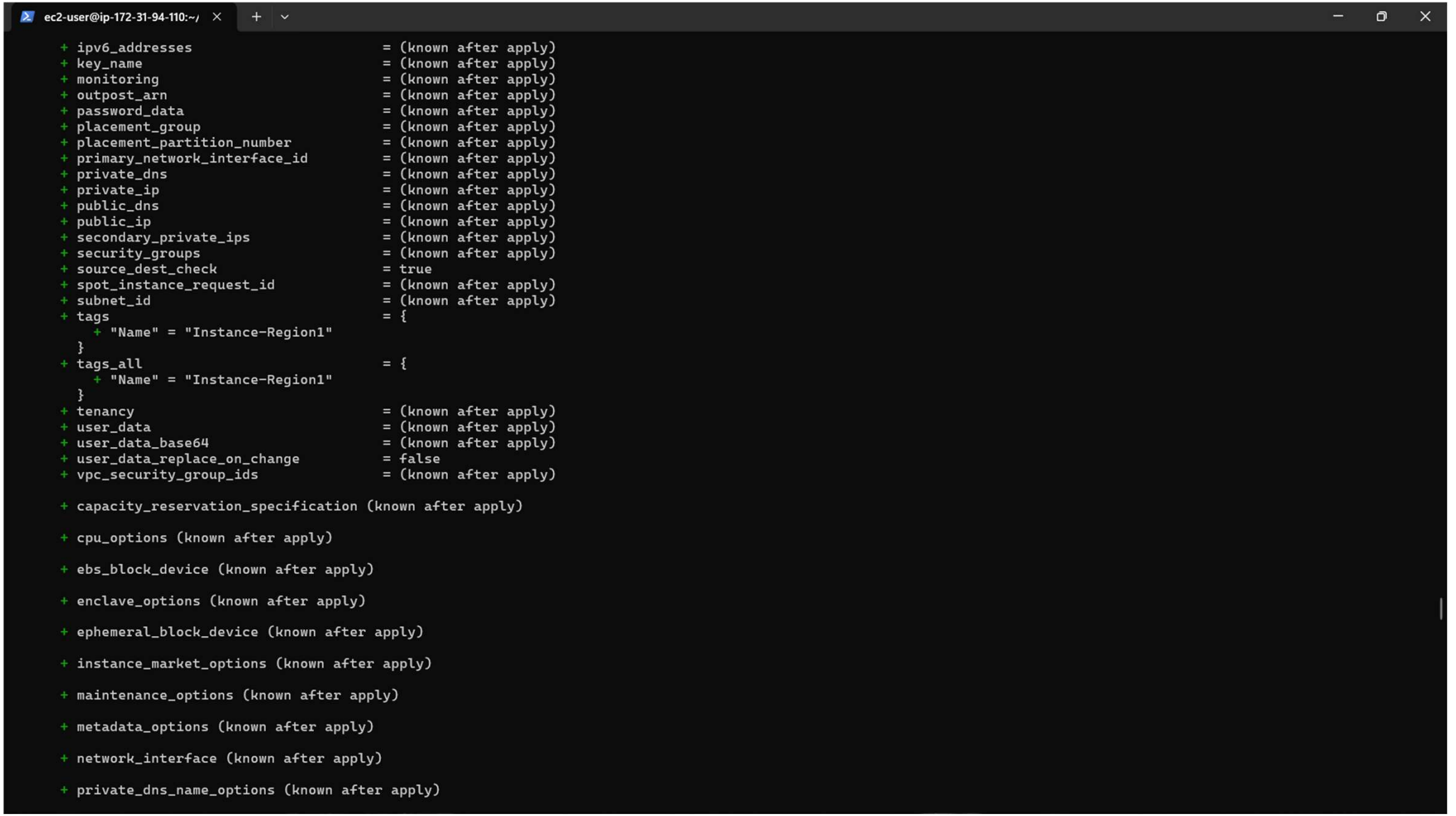

ec2-user@ip-172-31-94-110:~/
Transaction Summary
Install 9 Packages
Total download size: 35 M
Installed size: 123 M
Downloading Packages:
(1/9): git-2.47.1-1.amzn2023.0.2.x86_64.rpm 1.3 MB/s | 54 kB 00:00
(2/9): perl-Error-0.17029-5.amzn2023.0.2.no 1.9 MB/s | 41 kB 00:00
(3/9): perl-File-Find-1.37-477.amzn2023.0.6 892 kB/s | 26 kB 00:00
(4/9): git-core-doc-2.47.1-1.amzn2023.0.2.n 20 MB/s | 2.8 MB 00:00
(5/9): perl-Git-2.47.1-1.amzn2023.0.2.noarc 976 kB/s | 42 kB 00:00
(6/9): git-core-2.47.1-1.amzn2023.0.2.x86_6 27 MB/s | 4.7 MB 00:00
(7/9): perl-TermReadKey-2.38-9.amzn2023.0.2 890 kB/s | 36 kB 00:00
(8/9): perl-lib-0.65-477.amzn2023.0.6.x86_6 389 kB/s | 15 kB 00:00
(9/9): terraform-1.10.5-1.x86_64.rpm 64 MB/s | 27 MB 00:00
Total 55 MB/s | 35 MB 00:00
Hashicorp Stable - x86_64 183 kB/s | 3.9 kB 00:00
Importing GPG key 0xA621E701:
Userid : "HashiCorp Security (HashiCorp Package Signing) <security+packaging@hashicorp.com>"
Fingerprint: 798A EC65 4E5C 1542 8C8E 42EE AA16 FCBC A621 E701
From : https://rpm.releases.hashicorp.com/gpg
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing : 1/1
Installing : git-core-2.47.1-1.amzn2023.0.2.x86_64 1/9
Installing : git-core-doc-2.47.1-1.amzn2023.0.2.noarch 2/9
Installing : perl-lib-0.65-477.amzn2023.0.6.x86_64 3/9
Installing : perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 4/9
Installing : perl-File-Find-1.37-477.amzn2023.0.6.noarch 5/9
Installing : perl-Error-1:0.17029-5.amzn2023.0.2.noarch 6/9
Installing : perl-Git-2.47.1-1.amzn2023.0.2.noarch 7/9
Installing : git-2.47.1-1.amzn2023.0.2.x86_64 8/9
Installing : terraform-1.10.5-1.x86_64 9/9
Running scriptlet: terraform-1.10.5-1.x86_64 9/9
Verifying : git-2.47.1-1.amzn2023.0.2.x86_64 1/9
Verifying : git-core-2.47.1-1.amzn2023.0.2.x86_64 2/9
Verifying : git-core-doc-2.47.1-1.amzn2023.0.2.noarch 3/9
Verifying : perl-Error-1:0.17029-5.amzn2023.0.2.noarch 4/9
Verifying : perl-File-Find-1.37-477.amzn2023.0.6.noarch 5/9
Verifying : perl-Git-2.47.1-1.amzn2023.0.2.noarch 6/9
Verifying : perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 7/9

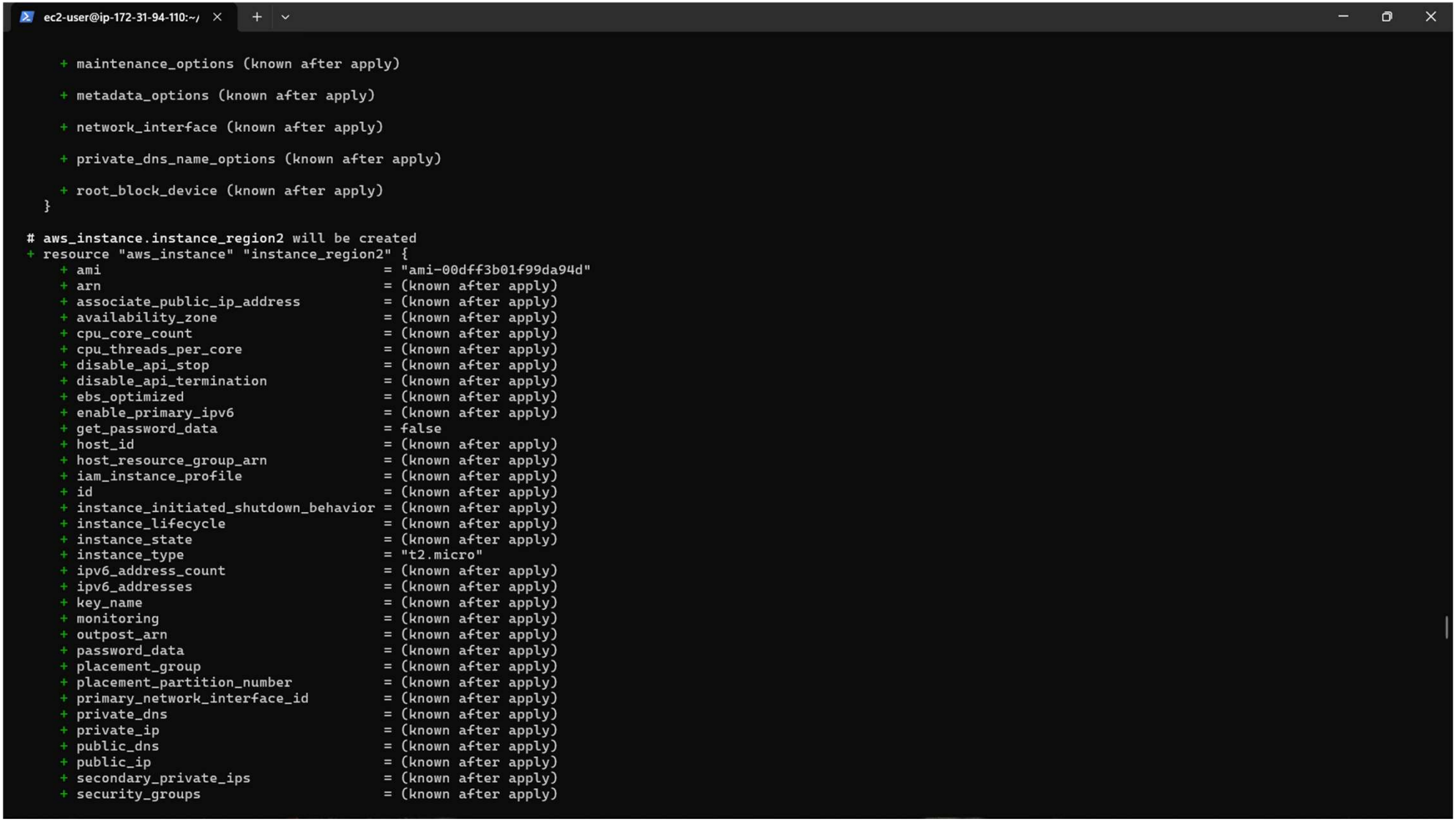
aws configure

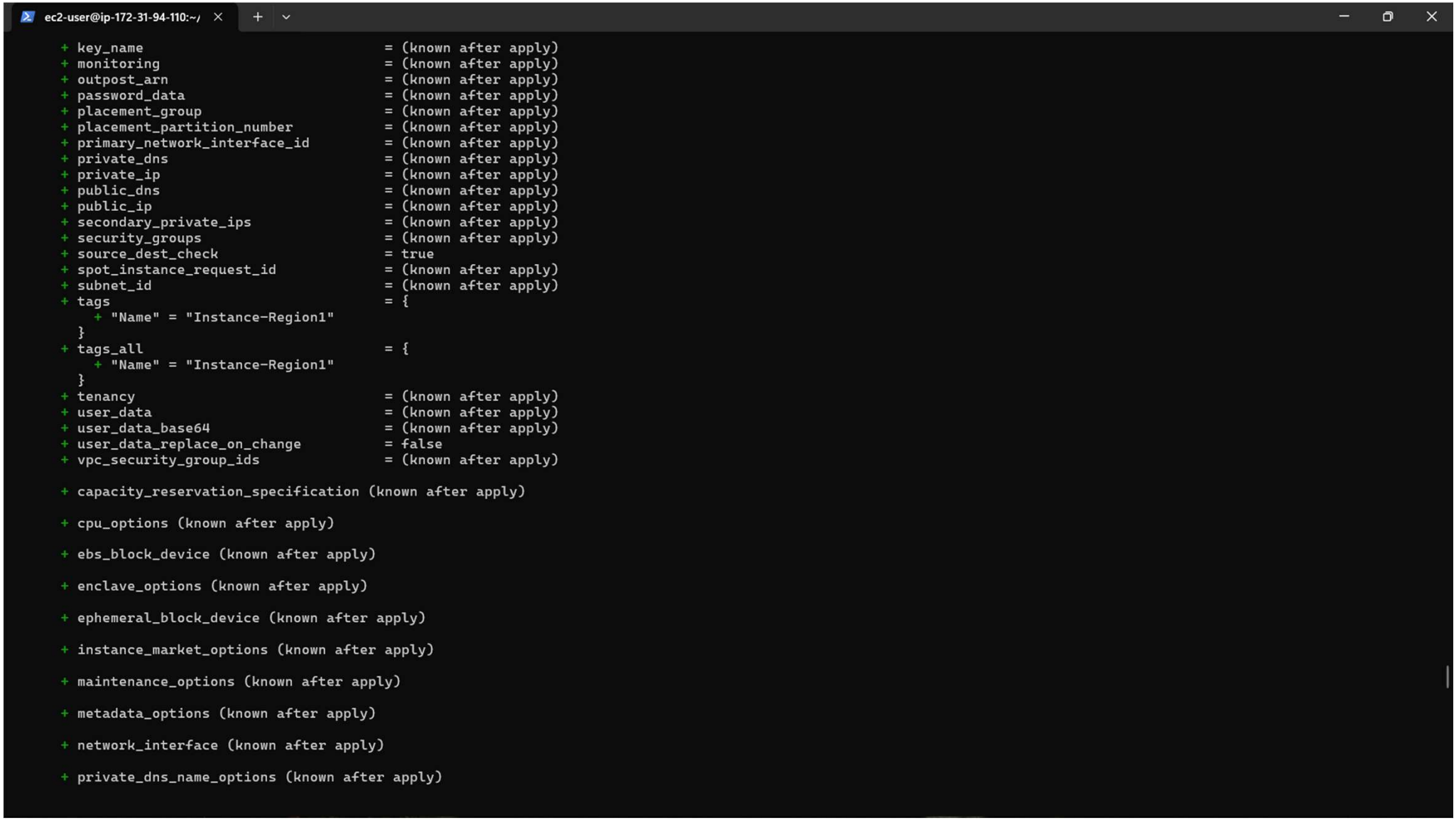


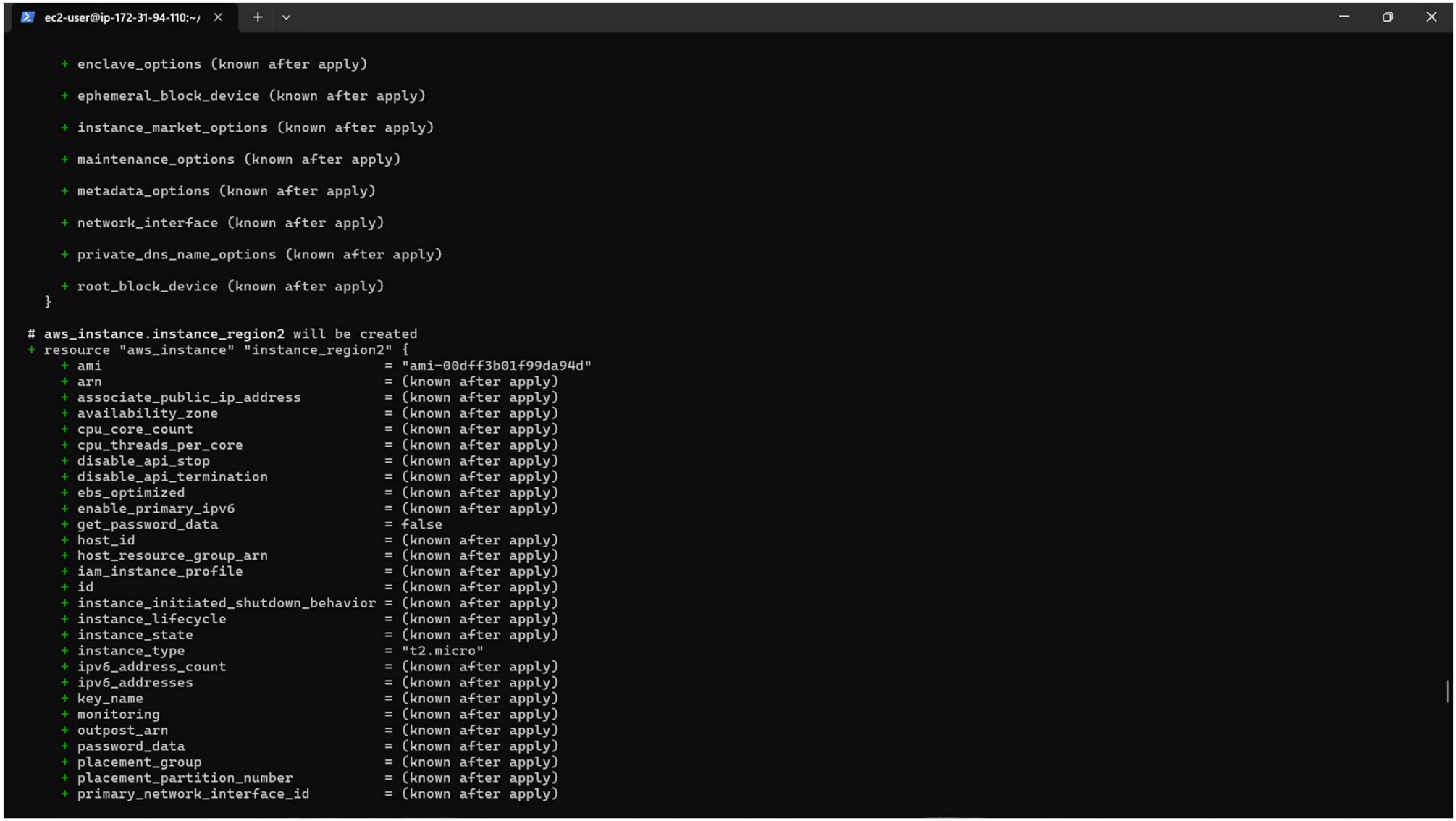
Terraform Project Setup , Initialize & Apply Terraform




ec2-user@ip-172-31-94-110:~/
+ ipv6_addresses = (known after apply)
+ key_name = (known after apply)
+ monitoring = (known after apply)
+ outpost_arn = (known after apply)
+ password_data = (known after apply)
+ placement_group = (known after apply)
+ placement_partition_number = (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
+ spot_instance_request_id = (known after apply)
+ subnet_id = (known after apply)
+ tags = {
+ "Name" = "Instance-Region1"
}
+ tags_all = {
+ "Name" = "Instance-Region1"
}
+ tenancy = (known after apply)
+ user_data = (known after apply)
+ user_data_base64 = (known after apply)
+ user_data_replace_on_change = false
+ vpc_security_group_ids = (known after apply)
+ capacity_reservation_specification (known after apply)
+ cpu_options (known after apply)
+ ebs_block_device (known after apply)
+ enclave_options (known after apply)
+ ephemeral_block_device (known after apply)
+ instance_market_options (known after apply)
+ maintenance_options (known after apply)
+ metadata_options (known after apply)
+ network_interface (known after apply)
+ private_dns_name_options (known after apply)


ec2-user@ip-172-31-94-110:~/
+ maintenance_options (known after apply)
+ metadata_options (known after apply)
+ network_interface (known after apply)
+ private_dns_name_options (known after apply)
+ root_block_device (known after apply)
}
# aws_instance.instance_region2 will be created
+ resource "aws_instance" "instance_region2" {
+ ami = "ami-00dff3b01f99da94d"
+ 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)
+ disable_api_stop = (known after apply)
+ disable_api_termination = (known after apply)
+ ebs_optimized = (known after apply)
+ enable_primary_ipv6 = (known after apply)
+ get_password_data = false
+ host_id = (known after apply)
+ host_resource_group_arn = (known after apply)
+ iam_instance_profile = (known after apply)
+ id = (known after apply)
+ instance_initiated_shutdown_behavior = (known after apply)
+ instance_lifecycle = (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)
+ monitoring = (known after apply)
+ outpost_arn = (known after apply)
+ password_data = (known after apply)
+ placement_group = (known after apply)
+ placement_partition_number = (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)


ec2-user@ip-172-31-94-110:~/
+ key_name = (known after apply)
+ monitoring = (known after apply)
+ outpost_arn = (known after apply)
+ password_data = (known after apply)
+ placement_group = (known after apply)
+ placement_partition_number = (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
+ spot_instance_request_id = (known after apply)
+ subnet_id = (known after apply)
+ tags = {
+ "Name" = "Instance-Region1"
}
+ tags_all = {
+ "Name" = "Instance-Region1"
}
+ tenancy = (known after apply)
+ user_data = (known after apply)
+ user_data_base64 = (known after apply)
+ user_data_replace_on_change = false
+ vpc_security_group_ids = (known after apply)
+ capacity_reservation_specification (known after apply)
+ cpu_options (known after apply)
+ ebs_block_device (known after apply)
+ enclave_options (known after apply)
+ ephemeral_block_device (known after apply)
+ instance_market_options (known after apply)
+ maintenance_options (known after apply)
+ metadata_options (known after apply)
+ network_interface (known after apply)
+ private_dns_name_options (known after apply)


ec2-user@ip-172-31-94-110:~/
+ enclave_options (known after apply)
+ ephemeral_block_device (known after apply)
+ instance_market_options (known after apply)
+ maintenance_options (known after apply)
+ metadata_options (known after apply)
+ network_interface (known after apply)
+ private_dns_name_options (known after apply)
+ root_block_device (known after apply)
}
# aws_instance.instance_region2 will be created
+ resource "aws_instance" "instance_region2" {
+ ami = "ami-00dff3b01f99da94d"
+ 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)
+ disable_api_stop = (known after apply)
+ disable_api_termination = (known after apply)
+ ebs_optimized = (known after apply)
+ enable_primary_ipv6 = (known after apply)
+ get_password_data = false
+ host_id = (known after apply)
+ host_resource_group_arn = (known after apply)
+ iam_instance_profile = (known after apply)
+ id = (known after apply)
+ instance_initiated_shutdown_behavior = (known after apply)
+ instance_lifecycle = (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)
+ monitoring = (known after apply)
+ outpost_arn = (known after apply)
+ password_data = (known after apply)
+ placement_group = (known after apply)
+ placement_partition_number = (known after apply)
+ primary_network_interface_id = (known after apply)

Apply complete