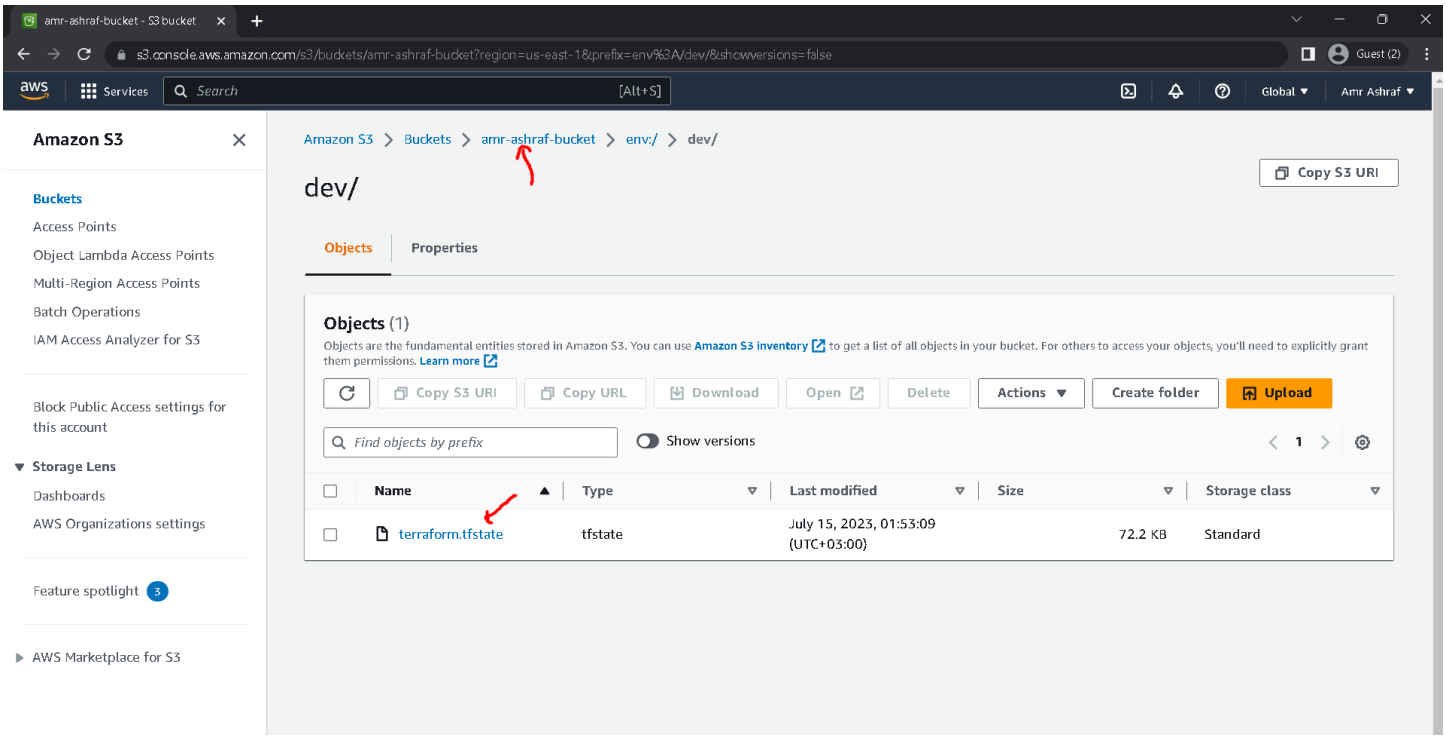
Terraform Task_3

1 – Working on Workspace dev

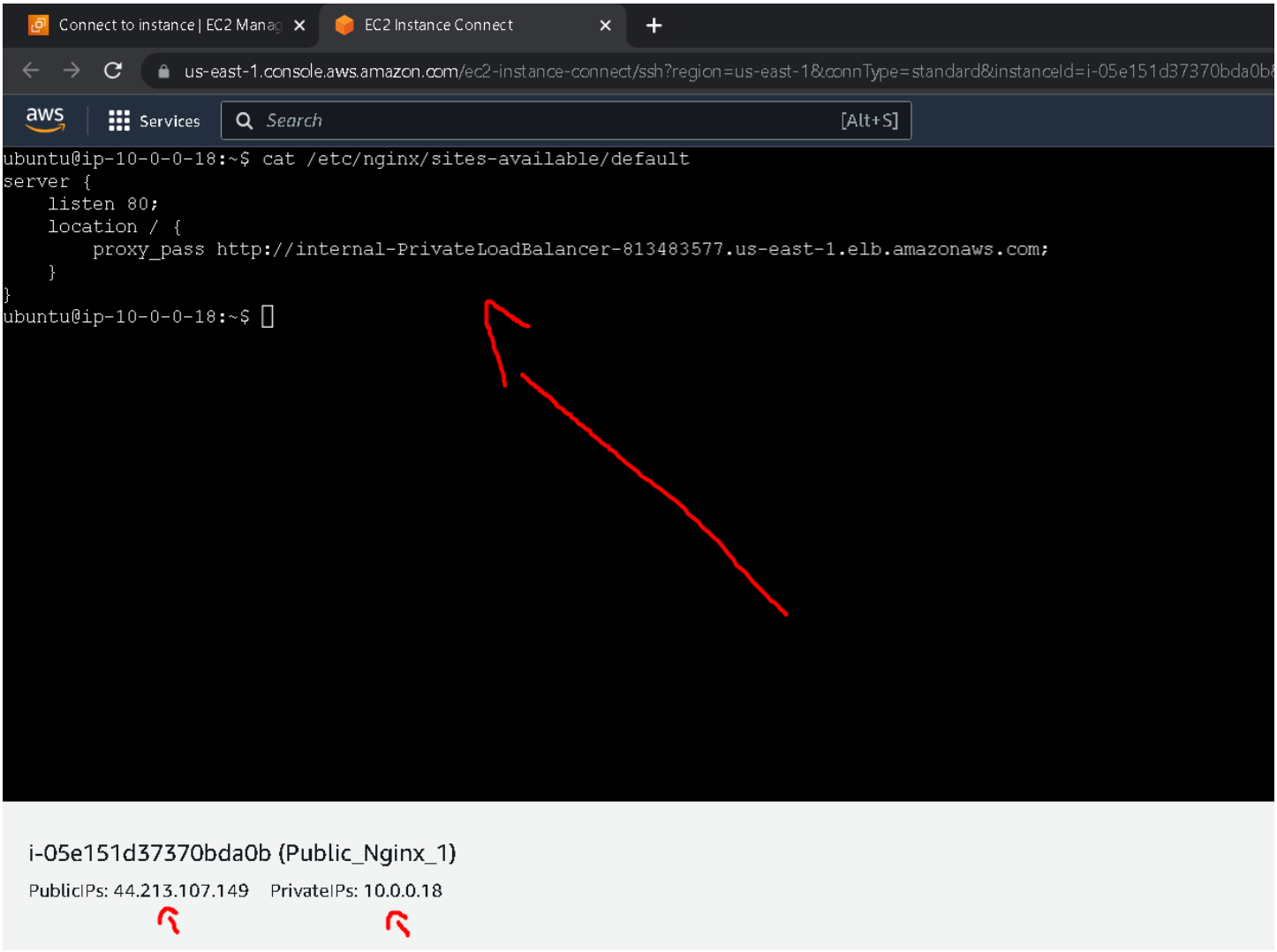
```
amr@DESKTOP-D5VVHN0: ~/
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ ls
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ terraform workspace show
default
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ terraform workspace new dev
Created and switched to workspace "dev"!

You're now on a new, empty workspace. Workspaces isolate their state,
so if you run "terraform plan" Terraform will not see any existing state
for this configuration.
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ terraform workspace show
dev
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ terraform workspace select dev
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$ terraform workspace show
dev
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Last_Task$
```

2 - s3 that contain the state file

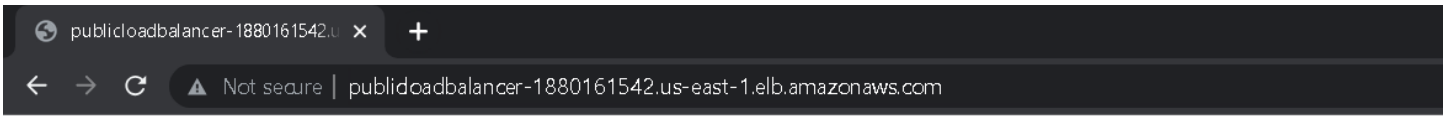


3 – configuration of the proxy



4 - public dns of the load balancer when you send a traffic to it from a browser and it returns the content of the private ec2

Hello From Amr Ashraf (Private Apache 1)



Hello From Amr Ashraf (Private Apache 2)

The Final Results in Terminal :

```
Apply complete! Resources: 31 added, 0 changed, 0 destroyed.

Outputs:

all_ips = [
  "public-ip1 44.213.107.149",
  "public-ip2 44.204.84.16",
  "private-ip1 10.0.1.83",
  "private-ip2 10.0.3.181",
]
public_instance_ips = [
  "44.213.107.149",
  "44.204.84.16",
]
public_load_balancer_dns = "PublicLoadBalancer-1880161542.us-east-1.elb.amazonaws.com"
amr@DESKTOP-D5VVHN0:~/terraform_tasks/Final_Task$
```

File All-ips.txt