

# Terraform Script to create Ec2 Instance on Aws Cloud.

Code:

```
provider "aws" {  
  region = "us-east-1"  
}  
  
resource "aws_instance" "test_ec2_instance" {  
  ami      = "ami-053a45fff0a704a47"  
  instance_type = "t2.micro"  
  
  tags = {  
    Name = "Ec2FromTerraform"  
  }  
}  
  
output "instance_public_ip" {  
  value = aws_instance.test_ec2_instance.public_ip  
}
```

Output:

```
aws_instance.test_ec2_instance: Creating...  
aws_instance.test_ec2_instance: Still creating... [10s elapsed]  
aws_instance.test_ec2_instance: Creation complete after 20s [id=i-094ac1fce56c6094e]  
  
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.  
  
Outputs:  
instance_public_ip = "44.203.0.35"
```

## Instances (1) [Info](#)

Last updated  
less than a minute ago

[Connect](#)

[Instance state](#) ▼

[Actions](#) ▼

[Launch instances](#) ▼

[All states](#) ▼

< 1 > [⚙️](#)

<input type="checkbox"/>	Name <a href="#">✎</a> ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼	Public IP
<input type="checkbox"/>	Ec2FromTerraform...	i-094ac1fce56c6094e	<span>Running</span> <a href="#">🔍</a> <a href="#">🔍</a>	t2.micro	<span>⌚</span> Initializing	<a href="#">View alarms +</a>	us-east-1c	ec2-44-2

### Instance summary for i-094ac1fce56c6094e (Ec2FromTerraform) [Info](#)

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[Connect](#)

[Instance state](#) ▼

[Actions](#) ▼

**Instance ID**  
[🔍](#) i-094ac1fce56c6094e

**IPv6 address**  
-

**Hostname type**  
IP name: ip-172-31-89-196.ec2.internal

**Answer private resource DNS name**  
-

**Auto-assigned IP address**  
[🔍](#) 44.203.0.35 [Public IP]

**IAM Role**  
-

**IMDSv2**  
Required

**Public IPv4 address**  
[🔍](#) 44.203.0.35 | [open address](#) [🔍](#)

**Instance state**  
🟢 Running

**Private IP DNS name (IPv4 only)**  
[🔍](#) ip-172-31-89-196.ec2.internal

**Instance type**  
t2.micro

**VPC ID**  
[🔍](#) vpc-0a0a528a5fc913f85 [🔍](#)

**Subnet ID**  
[🔍](#) subnet-07909b164bd36340a [🔍](#)

**Instance ARN**  
[🔍](#) arn:aws:ec2:us-east-1:043309338232:instance/i-094ac1fce56c6094e

**Private IPv4 addresses**  
[🔍](#) 172.31.89.196

**Public IPv4 DNS**  
[🔍](#) ec2-44-203-0-35.compute-1.amazonaws.com | [open address](#) [🔍](#)

**Elastic IP addresses**  
-

**AWS Compute Optimizer finding**  
[🔍](#) Opt-in to AWS Compute Optimizer for recommendation s. | [Learn more](#) [🔍](#)

**Auto Scaling Group name**  
-

**Managed**  
false