

AWS using Terraform

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ITC 6345: System and Network Administration

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AWS and Terraform installation Check

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

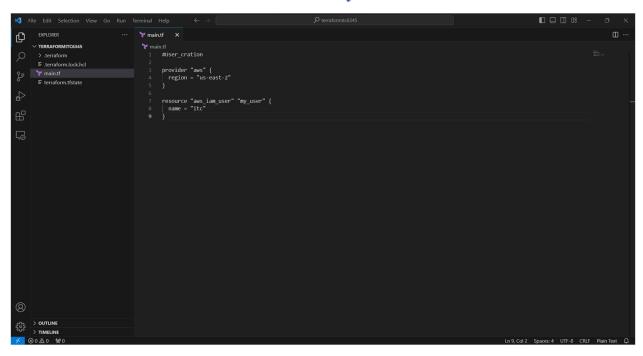
PS C:\Users\parth> aws --version
aws-cli/2.13.26 Python/3.11.6 Windows/10 exe/AMD64 prompt/off
PS C:\Users\parth> terraform --version
Terraform v1.6.1
on windows_386
```

AWS account configuration and checking

```
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\parth> aws --version
aws-cli/2.13.26 Python/3.11.6 Windows/10 exe/AMD64 prompt/off
PS C:\Users\parth> terraform --version
Terraform v1.6.1
on windows_386
Your version of Terraform is out of date! The latest version is 1.6.2. You can update by downloading from https://www.terraform.io/downloads.html
PS C:\Users\parth> aws configure
- - :IIt7Ug0C5a70M
Default output format [json]: json
PS C:\Users\parth> aws s3 ls
2023-10-18 07:31:08 testingconfigneu
```

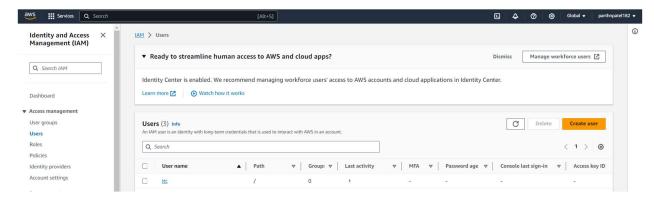
Creation and Access of the directory

Creation of the IAM User in directory file named main.tf



Terraform Init and Terraform Apply

AWS user created

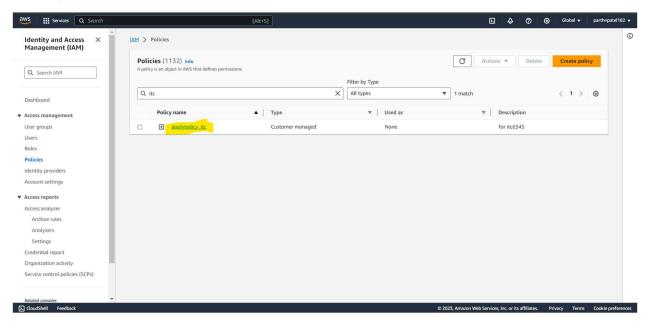


Policy code in main.tf

Terraform init and apply for policy

```
## Commentation | Section | Section
```

Policy Created

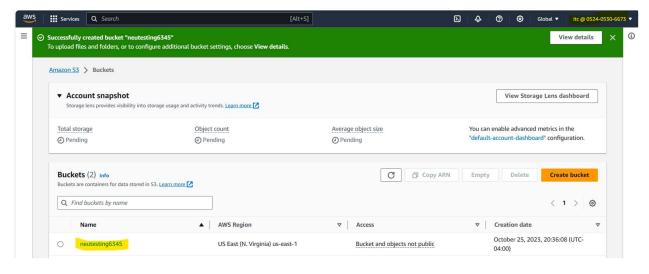


Attachment policy to iam user code

```
| Processor | Secretor | Verw | Go | Run | Terminal | Help | Ferminal | Processor | Proces
```

terraform init and apply for the iam user

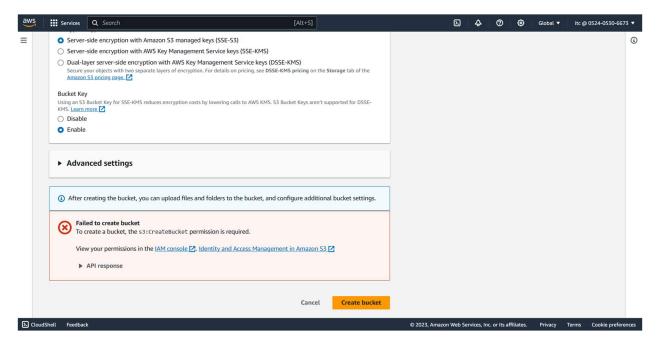
Able to crate s3 bucket using iam user



Now I am revoking the rights of all s3 bucket rights by commenting on the attachment policy part of code then

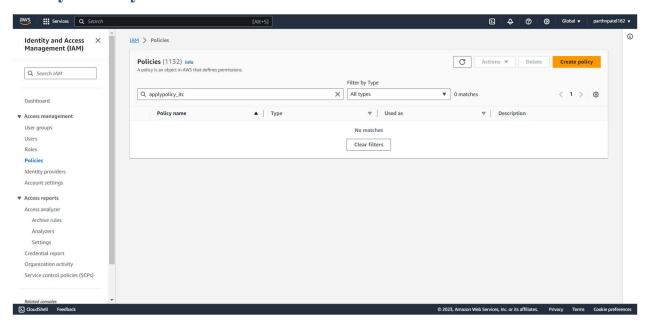
Terraform apply

Not able to create s3 bucket



Now by commenting apply_policy. The do terraform apply to delete policy

Policy destroyed



Then I did the

terraform.destroy

IAM user named itc got deleted

