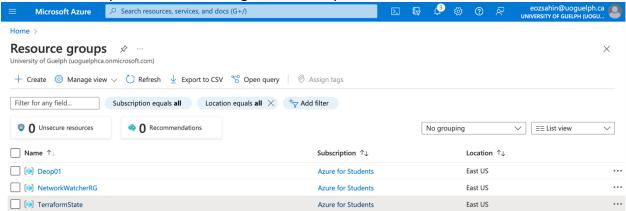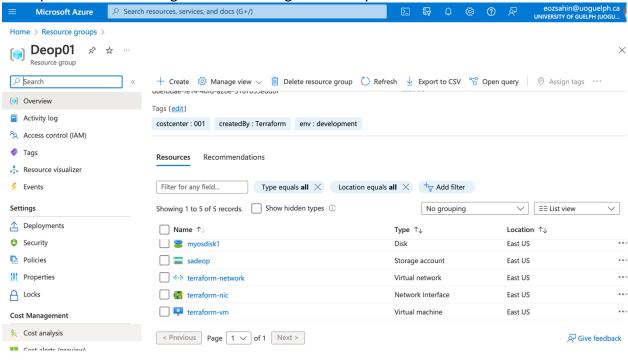# terraform apply

```
Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

  Enter a value: yes

azurerm_resource_group.Deop_RG: Creating...
azurerm_resource_group.Deop_RG: Creation complete after 1s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/res
ourceGroups/Deop01]
azurerm_virtual_network.Deop_Vnet: Creating...
azurerm_storage_account.deopsa: Creating...
azurerm_virtual_network.Deop_Vnet: Creation complete after 5s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/
resourceGroups/Deop01/providers/Microsoft.Network/virtualNetworks/terraform-network]
azurerm_subnet.internal: Creating...
azurerm_subnet.internal: Creation complete after 4s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/resourceGr
oups/Deop01/providers/Microsoft.Network/virtualNetworks/terraform-network/subnets/internal]
azurerm_network_interface.main: Creating...
azurerm_storage_account.deopsa: Still creating... [10s elapsed]
azurerm_network_interface.main: Creation complete after 2s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/res
ourceGroups/Deop01/providers/Microsoft.Network/networkInterfaces/terraform-nic]
azurerm_virtual_machine.Deop_VM: Creating...
azurerm_storage_account.deopsa: Still creating... [20s elapsed]
azurerm_virtual_machine.Deop_VM: Still creating... [10s elapsed]
azurerm_storage_account.deopsa: Creation complete after 22s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/re
sourceGroups/Deop01/providers/Microsoft.Storage/storageAccounts/sadeop]
azurerm_virtual_machine.Deop_VM: Still creating... [20s elapsed]
azurerm_virtual_machine.Deop_VM: Still creating... [30s elapsed]
azurerm_virtual_machine.Deop_VM: Still creating... [40s elapsed]
azurerm_virtual_machine.Deop_VM: Creation complete after 48s [id=/subscriptions/d8efbdae-fe14-40fd-a26e-3167035edd0f/r
esourceGroups/Deop01/providers/Microsoft.Compute/virtualMachines/terraform-vm]

Apply complete! Resources: 6 added, 0 changed, 0 destroyed.

Outputs:

storage_account_name = <sensitive>
Emines-MacBook-Pro:terraform_1st_assignment emineozsahin$ []
```

# Resource Group Terraform state is generated via portal for the state file

# Deop01 RG and including resources were generated by terraform

Microsoft Azure — Search resources, services, and docs (G+/)

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Home > Resource groups >

## Deop01
Resource group

Search

- Overview
- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

### Settings
- Deployments
- Security
- Policies
- Properties
- Locks

### Cost Management
- Cost analysis
- Cost alerts (preview)

+ Create    Manage view    Delete resource group    Refresh    Export to CSV    Open query    Assign tags    ...

doeibdae-fe14-46fd-a26e-310703Jeddof

Tags (edit)

costcenter : 001      createdBy : Terraform      env : development

**Resources**    Recommendations

Filter for any field...    Type equals all ✕    Location equals all ✕    + Add filter

Showing 1 to 5 of 5 records.    ☐ Show hidden types ⓘ    No grouping    List view

| ☐ Name ↑↓ | Type ↑↓ | Location ↑↓ | |
|---|---|---|---|
| ☐ myosdisk1 | Disk | East US | ... |
| ☐ sadeop | Storage account | East US | ... |
| ☐ terraform-network | Virtual network | East US | ... |
| ☐ terraform-nic | Network Interface | East US | ... |
| ☐ terraform-vm | Virtual machine | East US | ... |

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# State file is saved to the Azure

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Home > Resource groups > TerraformState > terraformstateemine | Containers > tfstate >

## terraform.tfstate
Blob

Save    Discard    Download    Refresh    Delete

Overview    Versions    Snapshots    **Edit**    Generate SAS

⚠ The file 'terraform.tfstate' may not render correctly as it contains an unrecognized extension.

```
1  {
2    "version": 4,
3    "terraform_version": "1.3.5",
4    "serial": 8,
5    "lineage": "1fb97d2d-25d5-c6d2-6ad6-81356724268c",
6    "outputs": {
7      "storage_account_name": {
8        "value": "deopsa",
9        "type": "string",
10       "sensitive": true
11     }
12   },
13   "resources": [
14     {
15       "mode": "managed",
16       "type": "azurerm_network_interface",
17       "name": "main",
18       "provider": "provider[\"registry.terraform.io/hashicorp/azurerm\"]",
19       "instances": [
```

Preview