Working Snapshots of the project

Dev-env


```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS                                          terminal

PS C:\Users\janhv\Desktop\iac-azure-project> terraform workspace select dev
PS C:\Users\janhv\Desktop\iac-azure-project> terraform plan -var-file="env/dev.tfvars"

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # azurerm_lb.lb will be created
  + resource "azurerm_lb" "lb" {
      + id                   = (known after apply)
      + location             = "eastus"
      + name                 = "dev-lb"
      + private_ip_address   = (known after apply)
      + private_ip_addresses = (known after apply)
      + resource_group_name  = "dev-rg"
      + sku                  = "Standard"
      + sku_tier             = "Regional"
      + tags                 = {
          + "environment" = "dev"
          + "project"     = "iac-tool"
        }

      + frontend_ip_configuration {
          + gateway_load_balancer_frontend_ip_configuration_id = (known after apply)
          + id                                                 = (known after apply)
          + inbound_nat_rules                                  = (known after apply)
          + load_balancer_rules                                = (known after apply)
          + name                                               = "PublicIPAddress"
          + outbound_rules                                     = (known after apply)
```
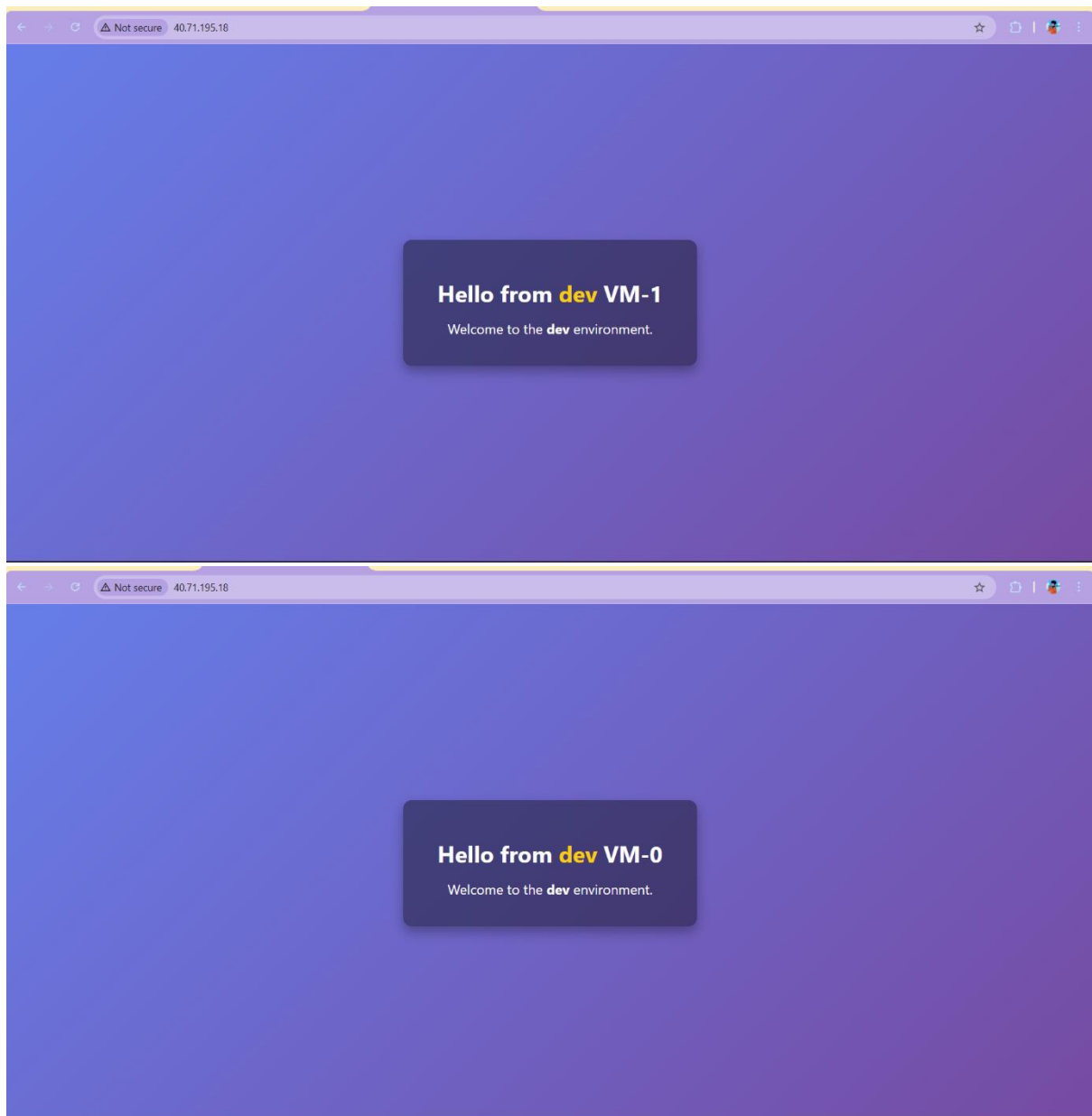
```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS                                          powershell

azurerm_linux_virtual_machine.vm[0]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[0]: Creation complete after 55s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/dev-rg/providers/Microsoft.
Compute/virtualMachines/dev-vm-0]
azurerm_linux_virtual_machine.vm[1]: Still creating... [01m00s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [01m10s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [01m20s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [01m30s elapsed]
azurerm_linux_virtual_machine.vm[1]: Creation complete after 1m34s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/dev-rg/providers/Microsof
t.Compute/virtualMachines/dev-vm-1]

Apply complete! Resources: 17 added, 0 changed, 0 destroyed.

Outputs:

load_balancer_public_ip = "40.71.195.18"
PS C:\Users\janhv\Desktop\iac-azure-project>
```

Ln 1, Col 1   Spaces: 4   UTF-8   CRLF   {} Plain Text   Go Live

Hello from dev VM-1

Welcome to the **dev** environment.

Hello from dev VM-0

Welcome to the **dev** environment.

Uat-env

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS                                    terraform

Apply complete! Resources: 17 added, 0 changed, 0 destroyed.

Outputs:

load_balancer_public_ip = "20.172.128.217"
PS C:\Users\janhv\Desktop\iac-azure-project> terraform workspace select uat
Switched to workspace "uat".
PS C:\Users\janhv\Desktop\iac-azure-project> terraform apply -var-file="env/uat.tfvars"

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # azurerm_lb.lb will be created
  + resource "azurerm_lb" "lb" {
      + id                    = (known after apply)
```
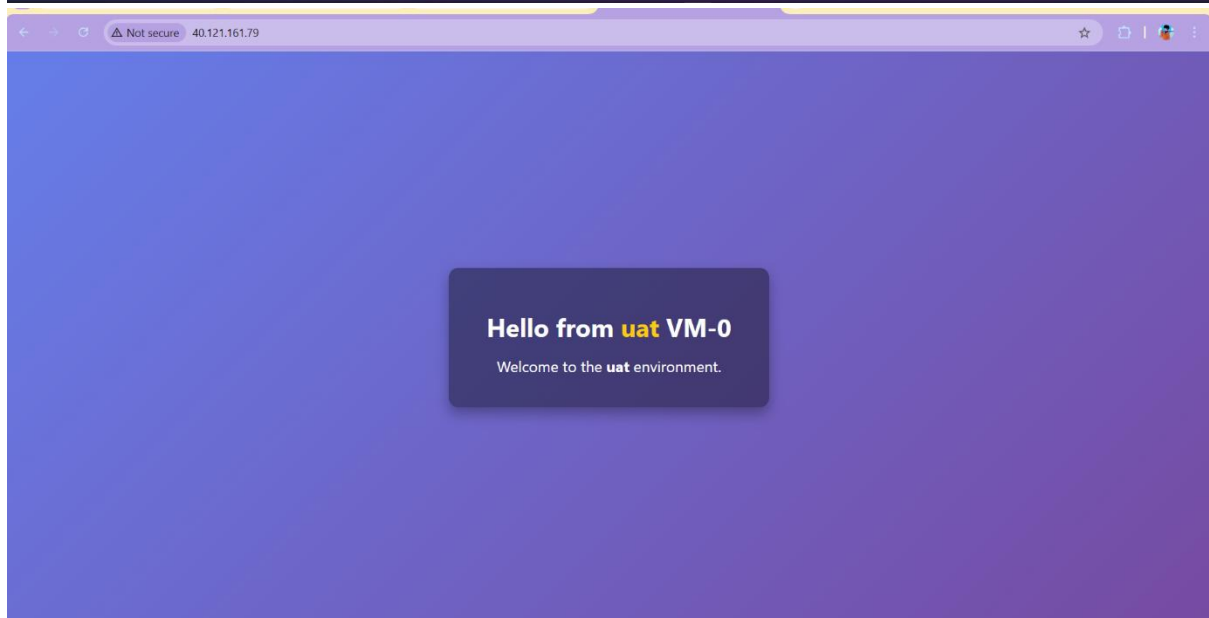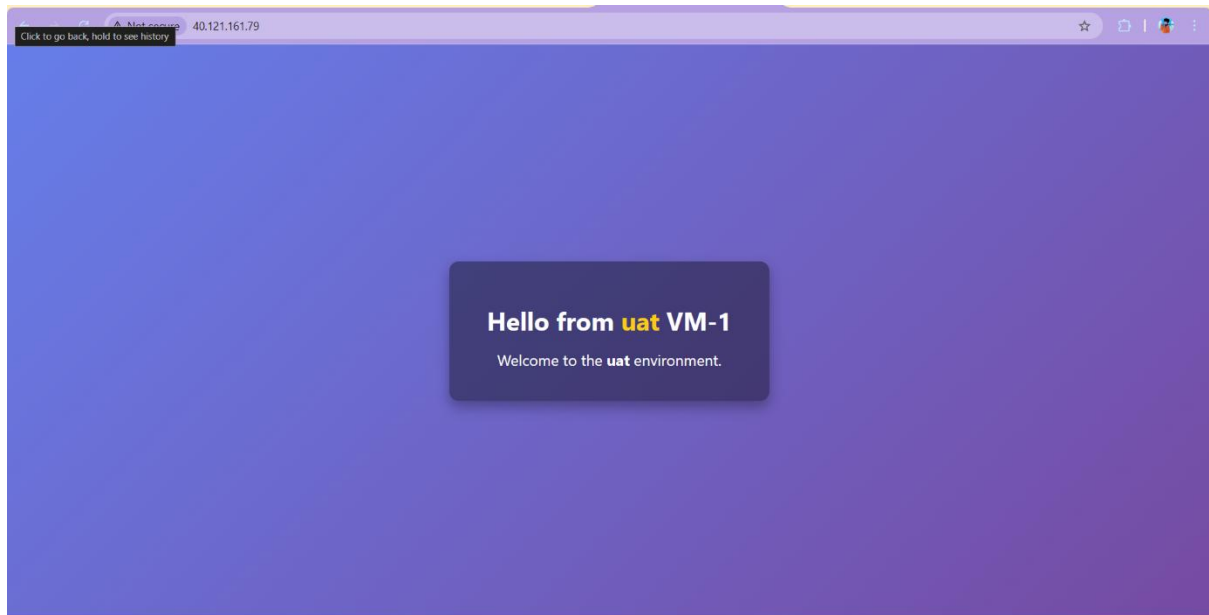
```
rk/networkSecurityGroups/uat-web-nsg]
azurerm_network_interface_backend_address_pool_association.nic_association[0]: Still creating... [01m00s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [01m00s elapsed]
azurerm_linux_virtual_machine.vm[0]: Still creating... [01m00s elapsed]
azurerm_network_interface_backend_address_pool_association.nic_association[0]: Creation complete after 1m0s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7
/resourceGroups/uat-rg/providers/Microsoft.Network/networkInterfaces/uat-nic-0/ipConfigurations/internal|/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resour
ceGroups/uat-rg/providers/Microsoft.Network/loadBalancers/uat-lb/backendAddressPools/backend-pool]
azurerm_linux_virtual_machine.vm[0]: Creation complete after 1m6s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/uat-rg/providers/Microsoft
.Compute/virtualMachines/uat-vm-0]
azurerm_linux_virtual_machine.vm[1]: Creation complete after 1m7s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/uat-rg/providers/Microsoft
.Compute/virtualMachines/uat-vm-1]

Apply complete! Resources: 17 added, 0 changed, 0 destroyed.

Outputs:

load_balancer_public_ip = "40.121.161.79"
```


Hello from uat VM-1

Welcome to the **uat** environment.

Hello from uat VM-0

Welcome to the **uat** environment.

Prod-env

```
rk/networkSecurityGroups/uat-web-nsg]
azurerm_linux_virtual_machine.vm[0]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[1]: Creation complete after 53s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/uat-rg/providers/Microsoft.
Compute/virtualMachines/uat-vm-1]
azurerm_linux_virtual_machine.vm[0]: Creation complete after 54s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/uat-rg/providers/Microsoft.
Compute/virtualMachines/uat-vm-0]

Apply complete! Resources: 17 added, 0 changed, 0 destroyed.

Outputs:

load_balancer_public_ip = "172.171.200.147"
PS C:\Users\janhv\Desktop\iac-azure-project> terraform workspace select prod
Switched to workspace "prod".
PS C:\Users\janhv\Desktop\iac-azure-project> terraform apply -var-file="env/prod.tfvars"

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # azurerm_lb.lb will be created
  + resource "azurerm_lb" "lb" {
      + id                   = (known after apply)
      + location             = "eastus"
      + name                 = "prod-lb"
      + private_ip_address   = (known after apply)
      + private_ip_addresses = (known after apply)
      + resource_group_name  = "prod-rg"
      + sku                  = "Standard"
      + sku_tier             = "Regional"
      + tags                 = {
          + "environment" = "prod"
          + "project"     = "iac-tool"
        }
```

Ln 1, Col 23   Spaces: 4   UTF-8   CRLF   {} terraform-vars   Go Live

```
azurerm_linux_virtual_machine.vm[1]: Still creating... [00m30s elapsed]
azurerm_linux_virtual_machine.vm[0]: Still creating... [00m30s elapsed]
azurerm_linux_virtual_machine.vm[0]: Still creating... [00m40s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [00m40s elapsed]
azurerm_linux_virtual_machine.vm[1]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[0]: Still creating... [00m50s elapsed]
azurerm_linux_virtual_machine.vm[0]: Creation complete after 58s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/prod-rg/providers/Microsoft
.Compute/virtualMachines/prod-vm-0]
azurerm_linux_virtual_machine.vm[1]: Creation complete after 58s [id=/subscriptions/e4222c98-fb45-40c4-8598-919236e34cd7/resourceGroups/prod-rg/providers/Microsoft
.Compute/virtualMachines/prod-vm-1]

Apply complete! Resources: 17 added, 0 changed, 0 destroyed.

Outputs:

load_balancer_public_ip = "4.246.178.189"
PS C:\Users\janhv\Desktop\iac-azure-project>
```

Hello from prod VM-1

Welcome to the **prod** environment.

Hello from prod VM-0

Welcome to the **prod** environment.