

Hands On Lab!

60 minutes

Create a Vnet and Subnet

- Create a new folder called **digital_infra_network**
- Based on the same model of the previous lab:
 - Create a **variable.tf**
 - Create a **locals.tf**
 - Create a **provider.tf**
 - Create an **rg.tf** for a new resource group
 - The domain will be the "**network**", so find a diminutive to it
- Use **remote state** and **store it** inside the Storage Account containers "states" created in the previous lab in this path: **network/terraform.state**

Create a Vnet and Subnet

- Create a **vnet.tf** file to define a VNet with an address range of: 10.0.0.0/16
- Create a **subnets.tf** file to define 2 subnets:
 - PaasSubnet: 10.0.0.0/24
 - AppServiceSubnet: 10.0.1.0/28 with a **delegation** to "Microsoft.Web/serverFarms" and **action** to "Microsoft.Network/virtualNetworks/subnets/action"
- Expose the VNet and Subnet Ids in an **outputs.tf** file
- Create a folder called **env-vars** for your environment variables and one folder for the **dev** environment. Create an **env.tfvars** file inside the **dev** folder to specify the values for the IP ranges for the VNet and the Subnets.
- Deploy only the **dev** environment