Hands On Lab!

60 minutes

Create a resource group with terraform local state

- Back to your **digital_infra_state** folder

- Create a variable.tf file to define :
    - An environment which accept only "dev", "stag", "prod" with "dev" as default value
    - A domain name with default value to "state"
    - A location with a default value set to "westeurope"
    - A resource suffix with a default value

- Create a locals.tf file to define two **resource suffix** which are a concatenation of:
    - The environment
    - The first 2 letters of the location in lowercase
    - The first 3 letters of the domain in lowercase
    - The resource suffix

    The resource suffixes should be in this format:
    - **With** dashes (kebabcase): <env>-<domain>-<location>-<resource-suffix>
    - **Without** dashes (lowercase): <env><domain><location><resource-suffix>

Create a resource group with terraform local state

- Create a rg.tf file to define your resource group. Naming convension is: **rg-<your-resource-suffix-kebabcase>**

- Create an sto.tf file to define a basic **storage account:**
    The naming convention is **st<your-resource-suffix-lowercase>**
    Account tier: **Standard**
    Account replication type: **LRS**

- Inside the Storage Account create **one private container** called "**states**"

- Add tags "Domain" and "Environment" to all your resources.

- Use **local state**

- **Deploy** to Azure