Deploy your first resource to Nebula using one-day sandbox

Requesting a one-day sandbox - 5mins

1. Go to the APIM Website Alternatively you can:
   - Search for "Privileged Identity Management"
   - Click Activate under Activate just in time section
   - Click Azure Resources on the left menu
   - After opening PIM service you should see the eligible role "Sandbox Owner" as in the screenshot below. On the right there's an Activate link that you will have
2. This will bring up a new popup. Now you need to fill in a reason for requesting your Sandbox environment:
3. Wait until all stages are finished.
4. Usually within 1-3 minutes you will receive an email with links to resource groups created per Organisation you are part of. Email title will be "Your Azure sandbox environment is ready."

Clone the Repository - 3mins

1. In Azure DevOps clone the P17031-paved-roads-training in vscode.
2. Checkout branch `task/nebula-nexus-earlybird`

Deploy the infrastructure - 15mins

1. On your favorite terminal or using vscode terminal go to `P17031-paved-roads-training/infrastructure/`

2. Open the `terraform.tfvars` change the the value for `resource_group` to your One-Day sandbox resource group.

   Example:

   ```
   resource_group = { name = "nebula-sandbox-crisjaytomas-756f00b0" }
   ```

3. Login to AzureCLI

```
4.   # Login to Azure
5.   az login
6.
7.   # Set the subscription to one-day sandbox
8.   az account set --subscription "0ecdc7eb-c95a-4f2d-8d3b-c042f25cc6d0"
9.
```

10. Plan the terraform configuration file

```
terraform plan -var-file=terraform.tfvars
```

11. Apply the configuration

```
terraform apply -var-file=terraform.tfvars
```

Deploy the Demo app - 5mins

1. Connect to the created AKS cluster using the commands in the `Connect` tab

2. On your terminal or using vscode terminal go to `P17031-paved-roads-training/application/aks-store-demo-main`

3. Apply the yaml manifest

```
4.    # Create namespace
5.    kubectl create ns pets
6.
7.    # Deploy the Demo Application
8.    kubectl apply -f aks-store-all-in-one.yaml -n pets
```

9. To check the pods if running run `kubectl get pods -n pets`

10. To check the Demo app go to Azure Portal go to the AKS cluster > Cluster Resources > Services and Ingress

11. Locate the service store-front and store-admin and click the external IP

12. This will redirect you to the Demo App