Use the following credentials to log in to the Azure CLI:

```
az login -u $username -p $password
```

Use the following command to list all the AKS clusters in your temporary Azure subscription:

```
az aks list --query "[].{Name: name}"
```

```
az aks create -g $resource --name $aksName --kubernetes-version 1.24.9
```

Understanding Cost Savings for Idle AKS Clusters

AKS clusters cost you when in the running state. If your AKS cluster is not used or is in the idle state, you can stop it to save money on your subscription bill. This is useful for AKS clusters in the development or testing environments, which are typically used during business hours.

You can stop an AKS cluster in the Azure portal or programmatically using tools such as Azure CLI and PowerShell.

Let's stop our existing AKS cluster in the next step.

Note: AKS clusters in production might need to run 24×7, so be careful when planning to stop them.

Stopping Our AKS Cluster

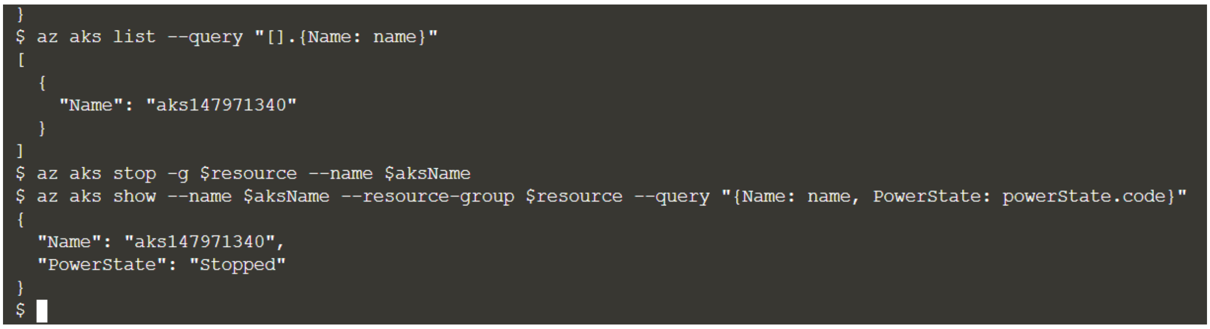
Use the following command to stop our existing AKS cluster:

```
az aks stop --resource-group $resource --name $aksName
```

Confirming That the AKS Cluster Is Stopped

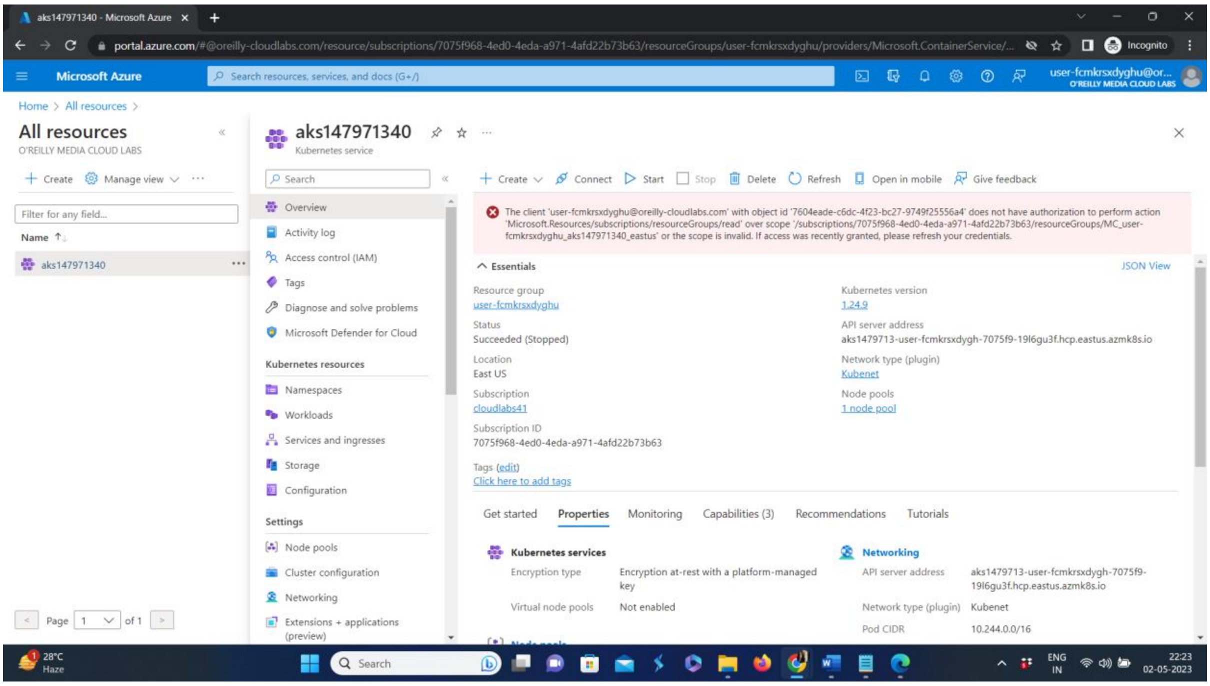
Use the following command to get the AKS cluster details or properties:

```
az aks show --name $aksName --resource-group $resource --query "{Name: name, PowerState: powerState.code}"
```



```
}
$ az aks list --query "[].{Name: name}"
[
  {
    "Name": "aks147971340"
  }
]
$ az aks stop -g $resource --name $aksName
$ az aks show --name $aksName --resource-group $resource --query "{Name: name, PowerState: powerState.code}"
{
  "Name": "aks147971340",
  "PowerState": "Stopped"
}
$
```

Click on your new AKS cluster name in the list (you should see only one).
Click the Overview link.
Confirm that the Status reads Succeeded (Stopped).
At the top, you see the Start button. DO NOT use it. We will start this cluster in the next step using CLI.



The client 'user-fcmkrsxdyghu@oreilly-cloudlabs.com' with object id '7604eade-c6dc-4f23-bc27-9749f25556a4' does not have authorization to perform action 'Microsoft.Resources/subscriptions/resourceGroups/read' over scope '/subscriptions/7075f968-4ed0-4eda-a971-4afd22b73b63/resourceGroups/MC_user-fcmkrsxdyghu_aks147971340_eastus' or the scope is invalid. If access was recently granted, please refresh your credentials.

Resource group
user-fcmkrsxdyghu

Status
Succeeded (Stopped)

Location
East US

Subscription
cloudlabs41

Subscription ID
7075f968-4ed0-4eda-a971-4afd22b73b63

Tags (edit)
Click here to add tags

Kubernetes version
1.24.9

API server address
aks1479713-user-fcmkrsxdygh-7075f9-19l6gu3f.hcp.eastus.azmk8s.io

Network type (plugin)
Kubenet

Node pools
1 node pool

Kubernetes services

Encryption type	Encryption at-rest with a platform-managed key
Virtual node pools	Not enabled

Networking

API server address	aks1479713-user-fcmkrsxdygh-7075f9-19l6gu3f.hcp.eastus.azmk8s.io
Network type (plugin)	Kubenet
Pod CIDR	10.244.0.0/16

Starting Our AKS Cluster
Time to start our AKS cluster. Use the following command to start our existing AKS cluster:

```
az aks start --resource-group $resource --name $aksName
```

Now use the following command again to get the AKS cluster details or properties:

```
az aks show --name $aksName --resource-group $resource --query "{Name: name, PowerState: powerState.code}"
```

Confirm that PowerState reads Running.

Deleting the AKS Cluster
The following command will clean up the new AKS cluster:

```
az aks delete --name $aksName --resource-group $resource
```