

## **Basics Commands**

```
* version=$(az aks get-versions -l "West Europe" --query  
'orchestrators[-1].orchestratorVersion' -o tsv)
```

```
* az group create --name AKSRG --location "West Europe"
```

```
* az aks create --resource-group AKSRG --name akssaurav --enable-addons  
monitoring --kubernetes-version $version --generate-ssh-keys --location "West  
Europe"
```

```
* az acr create --resource-group AKSRG --name acrsaurav --sku Standard --location  
"West Europe"
```

```
* CLIENT_ID=$(az aks show --resource-group AKSRG --name akssaurav --query  
"servicePrincipalProfile.clientId" --output tsv)
```

```
* ACR_ID=$(az acr show --name acrsaurav --resource-group AKSRG --query "id"  
--output tsv)
```

```
* az role assignment create --assignee $CLIENT_ID --role acrpull --scope $ACR_ID
```

```
* az sql server create -l "West Europe" -g AKSRG -n sqlsaurav -u sqladmin -p  
Passw0rdPassw0rd
```

```
* az sql db create -g AKSRG -s sqlsaurav -n employeeedb --service-objective S0
```

```
* az aks get-credentials --resource-group AKSRG --name akssaurav
```

## PowerShell Script Commands

```
Param(  
    [parameter(Mandatory=$false)]  
    [string]$subscriptionName="Visual Studio Enterprise",  
    [parameter(Mandatory=$false)]  
    [string]$resourceGroupName="aks",  
    [parameter(Mandatory=$false)]  
    [string]$resourceGroupLocaltion="northcentralus",  
    [parameter(Mandatory=$false)]  
    [string]$clusterName="aks",  
    [parameter(Mandatory=$false)]  
    [int16]$workerNodeCount=3,  
    [parameter(Mandatory=$false)]  
    [string]$kubernetesVersion="1.11.2"  
)
```

```
az account set --subscription=$subscriptionName
```

```
az group create --name=$resourceGroupName --location=$resourceGroupLocaltion  
--output=jsonc
```

```
az aks create --resource-group=$resourceGroupName --name=$clusterName  
--node-count=$workerNodeCount --disable-rbac --output=jsonc
```

```
az aks get-credentials --resource-group=$resourceGroupName --name=$clusterName
```

## **Bash Script Commands**

# connect to Azure via Azure CLI

```
az login
```

# Create resource group

```
az group create --location westeurope --subscription "Visual Studio Enterprise"
--name AKS
```

# create AKS cluster

```
az aks create --generate-ssh-keys --subscription "Visual Studio Enterprise"
--node-count 3 --disable-rbac --resource-group AKS --name AKS
```

# connect to cluster

```
az aks get-credentials --resource-group AKS --name AKS --subscription "Visual Studio
Enterprise"
```

# get access to Dashboard

```
kubectl create clusterrolebinding kubernetes-dashboard --clusterrole=cluster-admin
--serviceaccount=kube-system:kubernetes-dashboard
```

# Open Dashboard

```
az aks browse --resource-group AKS --name AKS --subscription "Visual Studio
Enterprise"
```