

# Azure CLI Basic

윤혜식 2miles CEO  
david@2miles.co.kr

# Ubuntu에 Azure CLI 설치하기

---

Ubuntu 서버 접속 후 아래 명령어 실행

```
curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
```

# Azure CLI 로그인

---

\$az login

```
david@DESKTOP-PEKJI7F:/mnt/c/Users/david$ az login
The default web browser has been opened at https://login.microsoftonline.com/common/oauth2/authorize. Please continue the login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow with `az login --use-device-code`.
You have logged in. Now let us find all the subscriptions to which you have access...
```

웹브라우저에서 <https://login.microsoftonline.com/common/oauth2/authorize> 를 입력 후 엔터

로그인 계정을 물으면 할당 받은 계정으로 로그인 , 터미널에서 아래와 같이 결과 확인

```
[
  {
    "cloudName": "AzureCloud",
    "homeTenantId": "55385637-b07f-49d1-b32e-1a2b3c4d5e6f",
    "id": "b0b9ca0f-650a-4381-ad70-306800000000",
    "isDefault": true,
    "managedByTenants": [],
    "name": "Microsoft Azure",
    "state": "Enabled",
    "tenantId": "55385637-b07f-49d1-b32e-1a2b3c4d5e6f",
    "user": {
      "name": "admin@2miles.onmicrosoft.com",
      "type": "user"
    }
  }
]
```

# 사용할 구독 선택

---

현재 구독 리스트 출력

```
az account list --output tsv
```

```
david@DESKTOP-PEKJI7F:/mnt/c/Users/david$ az account list --output tsv
AzureCloud      55385637-b07f-49d1-8eaa3b3    True    0    Microsoft Azure Enabled 55385637-b07f-49d1-8eaa3b3-1
48c782291fe
```

구독이 여러개인 경우 사용할 구독 선택

```
az account set --subscription "Microsoft Azure"
```

## Azure Region Code 확인

## Azure Region 확인

```
az account list-locations |grep locations
```

```
david@DESKTOP-PEKJI7F:/mnt/c/Users/david$ az account list-locations |grep locations
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/eastus",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/westus",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/eastus2",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/centralus",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/eastusstg",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/southcentralusstg",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/southcentralus",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/northcentralus",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/southcentralusstg",
  "id": "/subscriptions/b0b9ca0f-650a-4381-ad70-306808eaa3b3/locations/eastusstg",
```

# Azure 리소스 그룹

---

## Azure 리소스 그룹 생성

```
az group create --name myRG --location koreasouth
```

```
david@DESKTOP-PEKJI7F:/mnt/c/Users/david$ az group create --name myRG --location koreasouth
{
  "id": "/subscriptions/b0b9ca0f-306808eaa3b3/resourceGroups/myRG",
  "location": "koreasouth",
  "managedBy": null,
  "name": "myRG",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
```

# Azure 가상 서버 생성

---

```
az vm create --resource-group myRG \  
> --name davidVM \  
> --location koreasouth \  
> --vnet-name myVNET \  
> --subnet mySubnet \  
> --nsg myNSG --public-ip-address myPubIP \  
> --image win2016datacenter \  
> --admin-username david \  
> --admin-password myP@ssw0rd12
```

```
ndavid@DESKTOP-PEKJI7F:/mnt/c/Users/david$ az vm create --resource-group myRG --name davidVM --location koreasouth --vnet-name myVNET --subnet mySubnet --nsg myN  
SG --public-ip-address myPubIP --image win2016datacenter \  
> --admin-username david \  
> --admin-password myP@ssw0rd12  
{- Finished ..  
  "fqdns": "",  
  "id": "/subscriptions/b0b9ca0f-3b33/resourceGroups/myRG/providers/Microsoft.Compute/virtualMachines/davidVM",  
  "location": "koreasouth",  
  "macAddress": "00-22-48-0F-56-C4",  
  "powerState": "VM running",  
  "privateIpAddress": "10.0.0.4",  
  "publicIpAddress": "52.231.198.135",  
  "resourceGroup": "myRG",  
  "zones": ""  
}
```

[https://docs.microsoft.com/en-us/cli/azure/vm?view=azure-cli-latest#az\\_vm\\_create](https://docs.microsoft.com/en-us/cli/azure/vm?view=azure-cli-latest#az_vm_create)