

Azure CLI Subnets

TRAINING MATERIALS - MODULE HANDOUT

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Overview

Subnetting is used in Azure for splitting up Virtual Networks. This could be different application environments for different testing purposes or for a multi-tier application, separating the different components on a network level.

Creating

Basic Usage

The name, Virtual Network, Address Prefixes and Resource Group need to be provided when creating a Subnet.

```
az network vnet subnet create --resource-group [RESOURCE_GROUP] --name [SUBNET_NAME] --address-prefixes [ADDRESS_PREFIXES]
```

```
az network vnet subnet create --resource-group MyResourceGroup --name MySubnet --address-prefixes 10.0.0.0/24
```

Deleting

Basic Usage

Provide the name, Virtual Network and Resource Group of the Subnet.

```
az network vnet subnet delete --resource-group [RESOURCE_GROUP] --vnet-name [VIRTUAL_NETWORK_NAME] --name [SUBNET_NAME]
```

Tasks

- Create a new Resource Group called **SubnetExercises**
- Create a new Virtual Network called **MyVirtualNetwork**
- Create two subnets inside of the new virtual network
- Delete the **SubnetExercises** Resource Group