**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]** --vnet-name [VIRTUAL\_NETWORK\_NAME] --name **[SUBNET\_NAME]** --address-prefixes **[ADDRESS\_PREFIXES]** |
| az network vnet subnet create --resource-group MyResourceGroup --vnet-name [VIRTUAL\_NETWORK\_NAME] --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