VM Introduction

This guide provides an introduction to some basic Azure VM concepts. In this demonstration you will show how to

* Create an Azure AD VM using the Azure portal
* Create an Azure VM using ARM
* Describe the scalability and availability options
* Show how to use storage spaces to increase IOPS

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## Pre-Requisites

This section lists the pre-requisites required for this demonstration.

* Azure subscription

## Setup

Estimated time: 15 minutes

|  |  |
| --- | --- |
| 1. Open the new Azure Portal |  |
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## Demo Steps

Estimated time: 8 mins

|  |  |
| --- | --- |
| 1. Open the new Azure Portal |  |
| 1. Authenticate to the portal and stay on the default page |  |
| 1. Navigate to GitHub |  |
| 1. Click on <https://github.com/Azure/azure-quickstart-templates/tree/master/active-directory-new-domain-ha-2-dc> to view the ARM template. |  |
| 1. Once you click on the template, the blade will open to the parameter screen |  |
| 1. Edit the parameters for the resource groups and resource group location |  |
| 1. Enter the values for the template. REMEMBER THE USER ID AND PASSWORD YOU USED! | Storage account name: [Enter you name and the date]  Select a location  Update the admin user name: [enter your name-admin]  Enter a password  Enter a dns prefix for the load balancer: [Enter you name and the date] |
| 1. Click OK |  |
| 1. Select the subscription |  |
| 1. Select or create a new resource group |  |
| 1. Select the resource group location |  |
| 1. Accept the legal terms and click “buy” |  |
| 1. Click create |  |
| 1. Click on the resource groups menu item |  |
| 1. Find the resource group and click to open the blade |  |
| 1. View the status of the deployment of the resources |  |
| 1. You can also view the notifications in the global menu to view the status |  |
| 1. You can view the status of the deployment |  |
| 1. If the deployment goes well, it will take about 5-10 mins to deploy |  |
| 1. Once the deployment is complete, connect to the domain controller via RDP |  |

## Clean Up

To clean up this environment delete the resource group you created in the Setup section.