Deploy SQL in IaaS-Part 3

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

* Create an Azure VM using ARM
* Describe the scalability and availability options for SQL
* Add the SQL machine to the domain created in Step 1

Contents

[Pre-Requisites 1](#_Toc430902149)

[Setup 1](#_Toc430902150)

[Demo Steps 1](#_Toc430902151)

[Clean Up 4](#_Toc430902152)

## 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 |  |
| 1. Open GitHub |  |

## Demo Steps

Estimated time: 8 mins

|  |  |
| --- | --- |
| 1. Open the new Azure Portal |  |
| 1. Authenticate to the portal and stay on the default page |  |
| 1. Click new and add a new SQL Server virtual machine from the gallery |  |
| 1. Select the Resource manager type |  |
| 1. Enter basic information and select the resource group you have been working with |  |
| 1. Choose a D or G series machine with SSD |  |
| 1. Add several disks to the SQL machine |  |
| 1. Click create |  |
| 1. Once created, RDP into the machine |  |
| 1. Create a new storage space array for TEMPDB |  |
| 1. Create a new storage space array for DATA |  |
| 1. Create a new storage space array for BACKUPS |  |
| 1. Add the machine to the domain |  |
| 1. Reboot |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Clean Up

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