VM Extensions

This guide provides an introduction on how to deploy and use a VM Extension

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## Pre-Requisites

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

* Azure subscription
* Azure PowerShell
* A Virtual machine running in resource manager mode

## Setup

Estimated time: 15 minutes

|  |  |
| --- | --- |
| 1. Sign-in to the Azure portal. 2. **NEW > Compute > Windows Server 2012 R2 Datacenter.** 3. Set Deployment model to **Resouce Manager**. 4. Click **Create**. 5. Apply **Basic settings**:    1. Set Host **Name** to **rmdemo1**.    2. Set user name to **adminuser**.    3. Set password to **P@ssword1**.    4. Create a resource group called **rmdemo** 6. Click **OK**. |  |

## Demo Steps

Estimated time: 8 mins

|  |  |
| --- | --- |
| 1. Open PowerShell |  |
| 1. Authenticate to Azure using the **Login-AzureRmAccount** command |  |
| 1. If you have multiple subscriptions choose the correct one using the   **Select-AzureRmSubscription** -SubscriptionId [SubscriptionID] command |  |
| 1. List the virtual machines using the **Get-AzureRMVM** command   Verify the service name of the RMDemo1 Virtual machine |  |
| 1. Deploy the extension and reset the password using the   $vm=**Get-AzureRMVM** -ResourceGroupName rmdemo -Name rmdemo1 |  |
| **Set-AzureRmVMAccessExtension** -ResourceGroupName $vm.ResourceGroupName -VMName $vm.Name -Name "Contoso" -TypeHandlerVersion "2.0" -UserName adminUser -Password t0pSecret! |  |
| **Update-AzureRmVM** -VM $vm -ResourceGroupName $vm.ResourceGroupName |  |
| 1. Restart the Virtual Machine   **Restart-AzureRMVM** -ResourceGroupName rmdemo -Name rmdemo1 |  |
| 1. Connect to the Virtual machine and logon using the new password |  |

## Clean Up

To clean up this environment delete the virtual machine you created in the Setup section.

