# Azure and Power Apps Demo

Microsoft List

* A Microsoft list is created as the data source for our power app and power automate flows.
* This list is where the requests will be stored and updated with the flows.
* Import this spreadsheet as a list
* 
  + VMName – Title
  + Resource Group Name – Single line of text
  + Location – Choice
  + Operating System or Image Type – Choice
  + VM Size – Choice
  + Tags – Choose “Do not import” we will re-create this field as Metadata
  + Request\_Status – Choice
  + Item Type – Choose “Do not import”
  + Path – Choose “Do not import”

Graphical user interface, text, email

Description automatically generated

Create a Power Apps to be used in Teams

* Use the Microsoft list above as data source
* The Power Apps is created to be used by individuals who will complete a form to request a VM to be created
* This will kick off an approval process
* Once the request is approved or rejected the requestor will be notified

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Create a Power Automate Desktop Flow

Graphical user interface

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Code Block to Paste (Replace ApplicationId, Tenant, Certification Thumbprint and AzSubscription with your details)

* **Connect-AzAccount** -ApplicationId **f36e1c4d-ece6**-**48da-80e7**-f882fc1139a1 -Tenant **d9eed1a7-9a31**-**4a25-bc20**-3064adab1a24 -CertificateThumbprint AE72103E3495D81E510E8EEC6B1FA9F80367B1BF  
  **Select-AzSubscription** **bd10f6e4-500a**-**44bd-872c**-85b999df7c3f  
    
  $ResourceGroup = "%ResourceGroup%"  
  $location = "%location%"  
  $os = "%OS%"  
  $sku = "%SKU%"  
  $username = "%username%"  
  $password = "%password%"  
  $VMName = "%VMName%"  
  $VMLocalAdminUser = $username  
  $VMLocalAdminSecurePassword = **ConvertTo-SecureString** $password -AsPlainText -Force  
  $Credential = **New-Object** System.Management.Automation.PSCredential ($VMLocalAdminUser, $VMLocalAdminSecurePassword);  
    
  **New-AzResourceGroup** -Name $ResourceGroup -Location $location  
    
  $vmParams = @{  
    ResourceGroupName = $ResourceGroup  
    Name = $VMName  
    Location = $location  
    ImageName = $os  
    Size = $sku  
    Credential = $Credential  
  }  
    
  $newVM1 = **New-AzVM** @vmParams  
    
  $newVM1

Save the flow

Create a Power Automate Cloud Flow

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application, email

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