# **Create your Azure Logic App to Find the Non-** **Organizational user.**

I have seen lot of articles to retrieve the user information from a subscription but all the articles need tenant admin consent for the Azure App(which we use to retrieve the user details using Graph API). This article does not need any tenant admin consent to retrieve the user information from subscription.

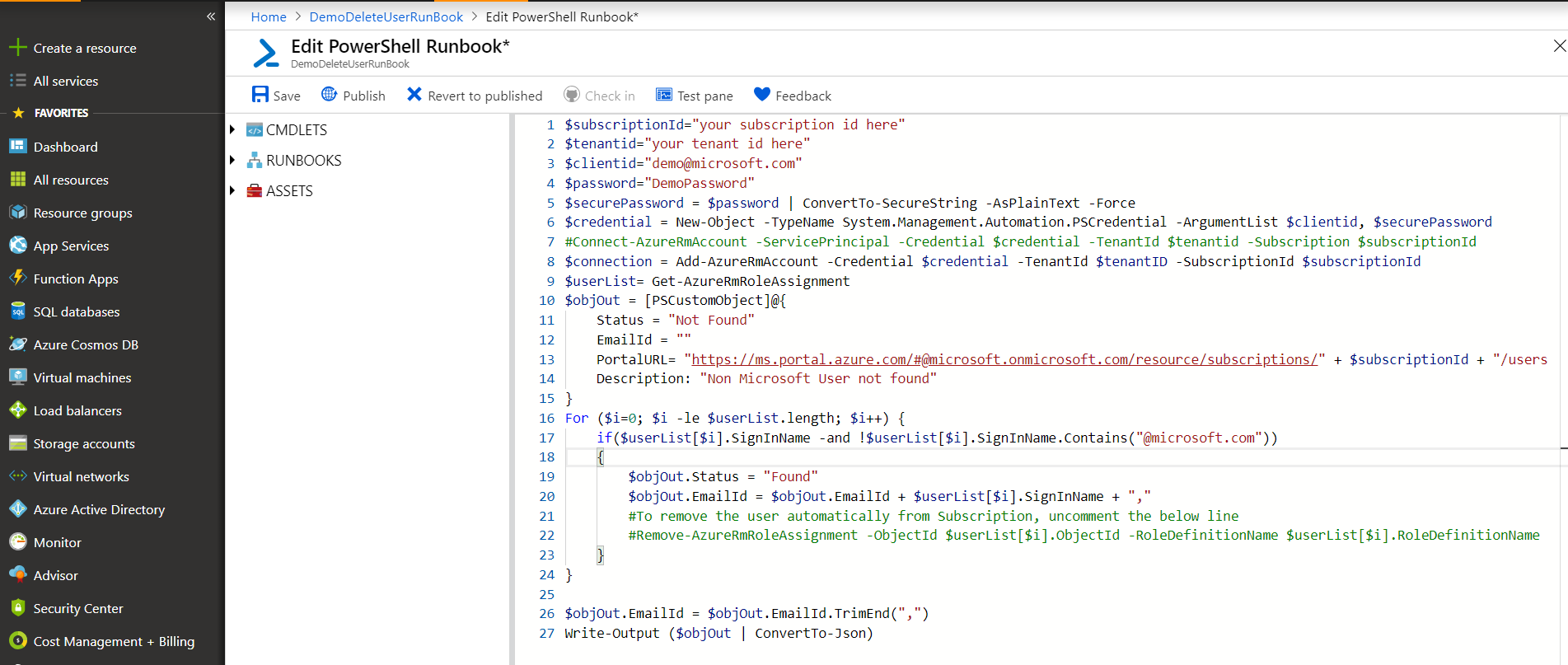
This article explains how to create the logic app that will automatically sends an email if it finds any the non-organizational(non-corp) users from an Azure subscription. For example, this logic app will run for every 2 mins on a subscription and sends an email if any non-Microsoft user added to the Azure subscription.

**Sign in to the Azure portal**

Sign in to the [Azure portal](https://portal.azure.com/) with your Azure account credentials.

**Create a powershell run book:**

Use [this](https://docs.microsoft.com/en-us/azure/automation/automation-first-runbook-textual-powershell) article for reference to create the powershell run book.



Please use the below poweshell script while creating the runbook. This power shell script will return all the users whose user name does not end with “@microsoft.com”.

$subscriptionId="your subscription id here"

$tenantid="your tenant id here"

$clientid="demo@microsoft.com"

$password="DemoPassword"

$securePassword = $password | ConvertTo-SecureString -AsPlainText -Force

$credential = New-Object -TypeName System.Management.Automation.PSCredential -ArgumentList $clientid, $securePassword

#Connect-AzureRmAccount -ServicePrincipal -Credential $credential -TenantId $tenantid -Subscription $subscriptionId

$connection = Add-AzureRmAccount -Credential $credential -TenantId $tenantID -SubscriptionId $subscriptionId

$userList= Get-AzureRmRoleAssignment

$objOut = [PSCustomObject]@{

Status = "Not Found"

EmailId = ""

PortalURL= "https://ms.portal.azure.com/#@microsoft.onmicrosoft.com/resource/subscriptions/" + $subscriptionId + "/users

Description: "Non Microsoft User not found"

}

For ($i=0; $i -le $userList.length; $i++) {

if($userList[$i].SignInName -and !$userList[$i].SignInName.Contains("@microsoft.com"))

{

$objOut.Status = "Found"

$objOut.EmailId = $objOut.EmailId + $userList[$i].SignInName + ","

Remove-AzureRmRoleAssignment -ObjectId $userList[$i].ObjectId -RoleDefinitionName $userList[$i].RoleDefinitionName

}

}

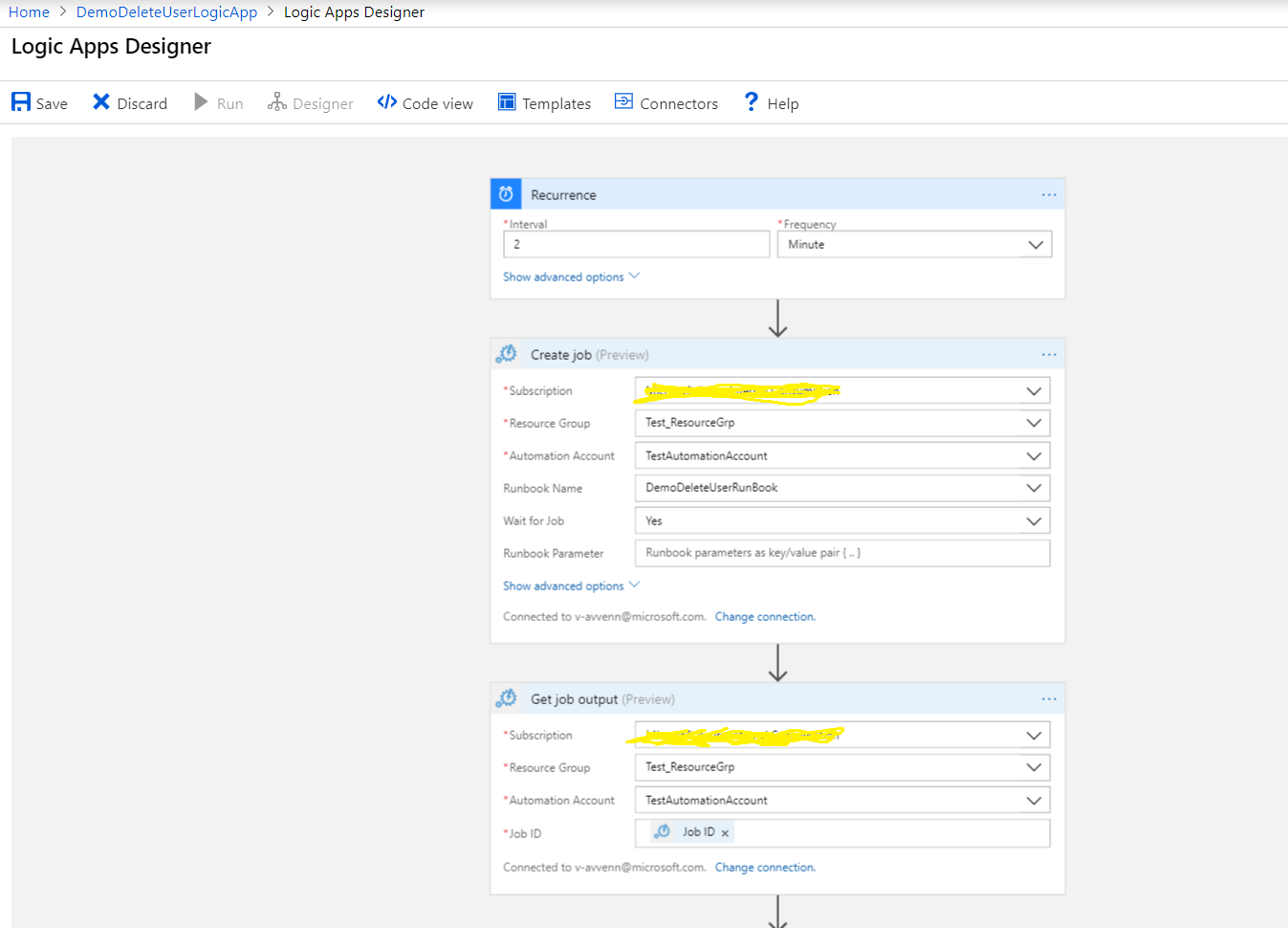
$objOut.EmailId = $objOut.EmailId.TrimEnd(",")

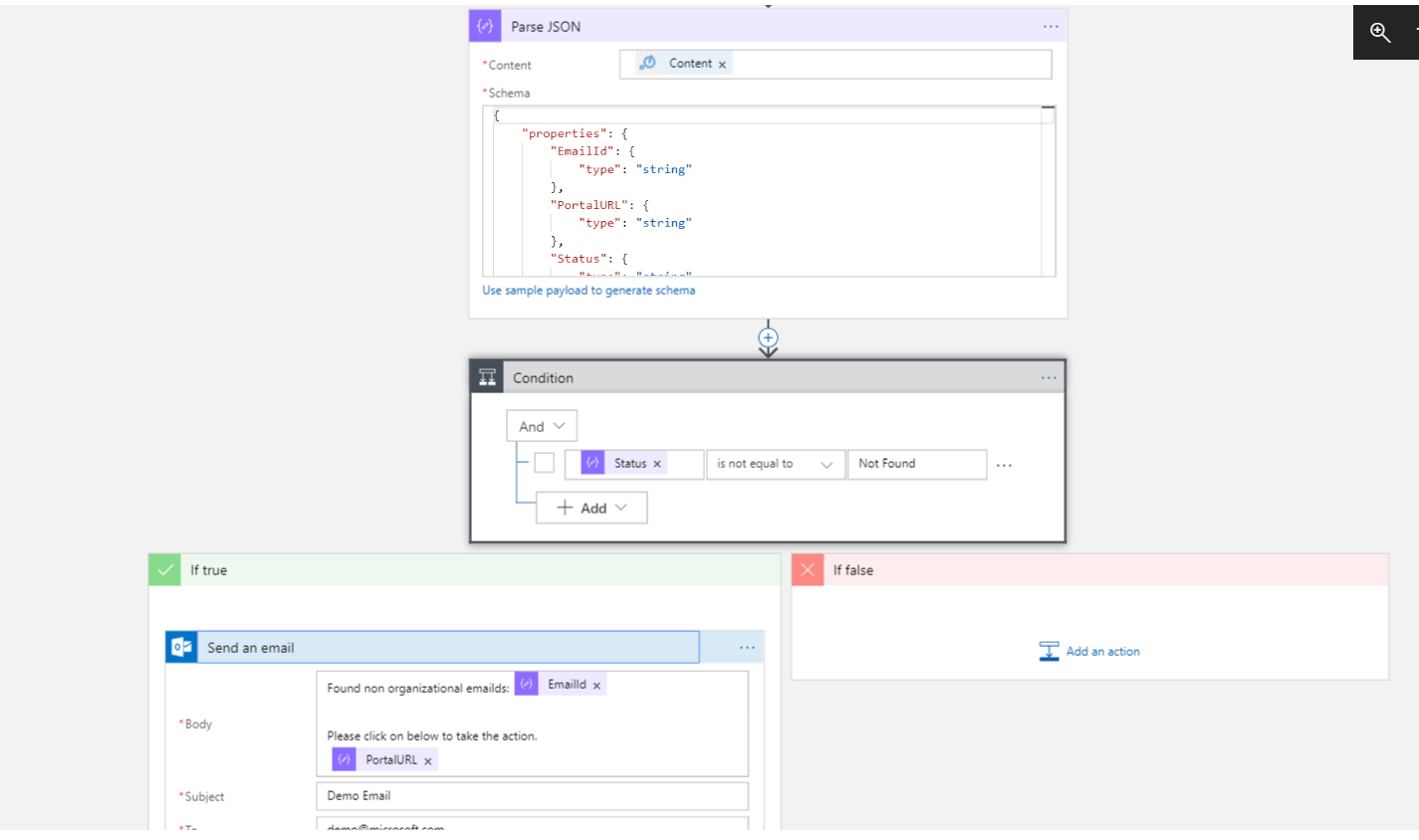
Write-Output ($objOut | ConvertTo-Json)

## Create your logic app

Use [this](https://blogs.technet.microsoft.com/stefan_stranger/2017/06/23/azur-logic-apps-schedule-your-runbooks-more-often-than-every-hour/) article for reference to create logic app with run books.

Use above created run book in logic apps and Create the below steps to in the logic app.





## Start your logic app

Add a user from public mails (for ex, gmail, Hotmail, etc) to your subscription then enable the above created logic app.

This logic app will run for every two mins and it will send mail like below if it found any nor-organizational user.

