**Skip to Step 4 If Application Users have already been created in D365.**

Step 1 – Create Application Users

Powershell scripts are located in “C:\CRMToolkit\AddRandomUsers\AddApplicationUsers\CreateandAddAppUserPowershellScripts”.

To create Application Account on the Azure AD Tenant associated to the Dataverse Environment for the Benchmark, run the CreateApplicationUsers.ps1 powershell script:

PS C:\CRMToolkit\AddRandomUsers> .\CreateApplicationUsers.ps1

cmdlet CreateApplicationUsers.ps1 at command pipeline position 1

Supply values for the following parameters:

UserCount: 1 <<< AMOUNT OF USERS NEEDED!!!!

RootPath: C:\CRMToolkit\AddRandomUsers

ApplicationDisplayName: AppUser

TenantID: 5e68a3c9-e858-427d-aef8-4951ded60743

Module ImportExcel is already imported.

Module Az.Accounts is already imported.

Module Az.Resources is already imported.

C:\CRMToolkit\AddRandomUsers

AppUser

5e68a3c9-e858-427d-aef8-4951ded60743

Account SubscriptionName TenantId Environment

------- ---------------- -------- -----------

crmadmin@csabenchmark.onmicrosoft.com 5e68a3c9-e858-427d-aef8-4951ded60743 AzureCloud

Name : () - 5e68a3c9-e858-427d-aef8-4951ded60743 - crmadmin@csabenchmark.onmicrosoft.com

Account : crmadmin@csabenchmark..onmicrosoft.com

Environment : AzureCloud

Subscription : 00000000-0000-0000-0000-000000000000

Tenant : 5e68a3c9-e858-427d-aef8-4951ded60743

TokenCache :

VersionProfile :

ExtendedProperties : {}

PS C:\CRMToolkit\AddRandomUsers>

Step 2 – Load Application Users into Benchmark Environment using the AddApplicationAccountToEnvironment.ps1 powershell Script

PS C:\CRMToolkit\AddRandomUsers> .\AddApplicationAccountToEnvironment.ps1

cmdlet AddApplicationAccountToEnvironment.ps1 at command pipeline position 1

Supply values for the following parameters:

InputUserFile: C:\CRMToolkit\AddRandomUsers\listOfApplicationUsers.xlsx

EnvironmentURL: https://csabenchmark.crm4.dynamics.com/

OutputPath: C:\CRMToolkit\AddRandomUsers

C:\CRMToolkit\AddRandomUsers\listOfApplicationUsers.xlsx

C:\CRMToolkit\AddRandomUsers\userlist.csv

https://csabenchmark.crm4.dynamics.com/

cmdlet Get-Credential at command pipeline position 1

Supply values for the following parameters:

WARNING: No Result

0

Added Application User ID:

AppUser1

834e0ef3-0b15-4c2e-a0ff-f6a05bc94147

PS C:\CRMToolkit\AddRandomUsers>

Step 3 – Add Security Roles as required to the Application Accounts

Step 4 – Run C:\CRMToolkit\1ToolkitInstall.ps1 organization and Application User. (Note: Domain name, userbase, and userpassword are not required when using application users.) Individual users will be added in steps 6 and 7.

Text

Description automatically generated

Step 5 – Create EntityManager Database by executing the SQL File "C:\CRMToolkit\Binaries\Scripts\SQL\EMDB\_Setup.sql".

Step 6 – Add Application Users to appuserlist.csv file and run insertappusers.sql to insert into UserList Table.

Files are located in C:\CRMToolkit\AddRandomUsers\AddApplicationUsers.

Graphical user interface, text, application, email

Description automatically generated

Columns order is Username, Client Secret, ApplicationId (ClientId). Username assigned to the application users can be found on the systemuser records in D365.

Graphical user interface, text, application

Description automatically generated

Step 7 – Run EMDBLoader