I have tried to create a tool which will include many methods to make the work easier for Office 365 Administrators. Mainly it all started with an idea to minimize the usage of PowerShell for simple tasks which could have been added to the portal or EXO but they are not. Secondly, there are some things which look just impossible to be done from the browser (OAC and EAC). One more thing which I feel is, why do we need to teach the customers PowerShell and its cmdlets when they are least bothered and want to run their business with emails working properly for them. Especially, in the case of Customers with less number of licenses. Please try this tool on your break-me machines or at home and give me your suggestions. Why do people waste so much time in creating the blogs and articles for making scripts and cmdlets, instead they could have developed a GUI for the same in that time. The ideas here is not moving away from PowerShell but giving a choice to the customers from GUI and PowerShell. The people who love GUI can still create and run their scripts in CLI but people who are comfortable with GUI sometimes don’t have a choice in Office 365.

I have attached the word file which has the screenshots and explanation of how the tool works. This is just the beginning and alpha version of this software to get your reviews and feedback about the whole idea and its future.

**Requirements:**

.Net Framework 4.0

Azure AD Module for PowerShell

Microsoft Online Services Sign-In Assistant

**Things which are currently there in the tool:**

1.       Login using admin account, which runs the same script as we do it while connecting Windows PowerShell to EXO.

2.       Recipients tab has different buttons to pull up the list of user mailboxes, shared mailboxes, contacts, groups etc.

3.       You can click on the small ‘/’ symbol below ‘mailbox’ button to edit/view the properties of a mailbox.

4.       Right now, only the general properties button is functioning and you can only save the firstname, initials and lastname.

5.       In the ‘Tools’ tab, there is MCA and other tools will be added soon.

6.       ‘ScriptBuilder’ is very important part of this tool which lets the user create customized scripts and save them or run them. (Credits: Sanatan Sanadhya ) It was his idea when I discussed this project that administrators should be able to create their own scripts and add them to use it later. It lacks a lot of things and will be improved the later versions. Right now for testing you can only select ‘Msolusers’ from Input, nothing from filter and ‘PasswordNeverExpires’ in the action field.

7.       ‘ScriptExplorer’ shows the saved scripts which were created from ScriptBuilder.

**Future Enhancements:**

1.       I will add more functional things in the ‘ScriptBuilder’ part

         More actions

         Filters should be functional

         Input and Output can be in CSV format

         Admins can download scripts from various places and add them here in EOCP.

2.       More tools be added to the ‘tools’ section which can be directly opened from here by just one click.

3.       GUI wizard for migrating public folders from exchange 2007 and 2010 to Office 365. And the reason I believe this is possible is because we can connect PowerShell remotely to internet facing CAS. This will let us run the scripts which we are supposed to run on EMS  from the below article. The other scripts which we run on PowerShell connected to EXO can be achieved easily using this tool.

Connect Remote Exchange Management Shell to an Exchange Server:

[https://technet.microsoft.com/en-us/library/dd297932(v=exchg.141).aspx](https://technet.microsoft.com/en-us/library/dd297932%28v=exchg.141%29.aspx)

Use serial migration to migrate legacy public folders to Office 365 and Exchange Online:

[https://technet.microsoft.com/en-us/library/jj983799(v=exchg.150).aspx](https://technet.microsoft.com/en-us/library/jj983799%28v=exchg.150%29.aspx)

Use batch migration to migrate legacy public folders to Office 365 and Exchange Online:

[https://technet.microsoft.com/en-US/library/dn874017(v=exchg.150).aspx](https://technet.microsoft.com/en-US/library/dn874017%28v=exchg.150%29.aspx)

4.       PowerShell Web Access: Sometimes we are not able to run the PowerShell cmdlets if the customer has Mac machine or does not meet the requirements for running the PowerShell and connect with EXO e.g. 64 bit. So, in these cases we can use the PWA tool from EOCP to use PowerShell which actually runs in the browser. PowerShell Web Access is a server role which can added in Windows Server 2012 to host using IIS on the localhost. Later, we can host this publicly to be access anywhere from internet.

I took help from and referred to : vbdot**netforums**.com, [https://msdn.microsoft.com/en-us/library/dd575549(v=exchsrvcs.149).aspx](https://msdn.microsoft.com/en-us/library/dd575549%28v=exchsrvcs.149%29.aspx),[https://technet.microsoft.com/en-us/library/jj200780(v=exchg.150).aspx](https://technet.microsoft.com/en-us/library/jj200780%28v=exchg.150%29.aspx), [https://gallery.technet.microsoft.com/scriptcenter/site/search?f%5B0%5D.Type=RootCategory&f%5B0%5D.Value=Office365&f%5B0%5D.Text=Office%20365](https://gallery.technet.microsoft.com/scriptcenter/site/search?f%5b0%5d.Type=RootCategory&f%5b0%5d.Value=Office365&f%5b0%5d.Text=Office%20365), and google.com + youtbe.com 

I also want to thank the people who inspired and helped me to achieve this,

Sanatan Sanadhya ( I liked his idea of creating something to add scripts and he has always shared knowledge in a way that you like it and always remember it.)

Sunder Sir ( Allowed me to work freely without any pressure and gave enough time to research, also promoted to enhance tech skills more than anything else)

Vivek Singh (Always ready to discuss the cases which require modification and customization in PowerShell cmdlets, I have even discussed some cmdlets with him when I was at home and chatting with him on Lync)

Purnima Tripathi ( I had discussed the same idea with her when I was new on the floor giving the example of <http://365command.com/> which is a third party providing

better options in GUI which cannot be achieved from Office 365 portal. She had forwarded the same to TA Kavita Rawat but there was nothing after that which could assure me that Microsoft Office 365 Developers will take this in to consideration.)

Rohit Hazare ( He has helped me a lot with different PowerShell cmdlets and I increased my interest in CLI inspired from his customization skills with the cmdlets)

Romil Chaurasia ( Very good technically and the same with PowerShell, always ready to help or discuss the issue which interests him )

Bipin Chenthamara was also an inspiring character.

Rahul Agarwal (Always friendly, motivating to focus more on tech skills, cool)

Sonal Seth ( Motivating and always focused on improving the tech skills)

Vineet Sharma ( I don’t like some things, but the things I like is he is very understanding sometimes. Motivating, like a big brother, cool, understands people but has to be behave professional due to pressure)

Sanchit, Khalid, Anjali -  Always helpful and knowledgeable

Kunal Gurtoo: He was a genius, and also helped with complex issues with the right knowledge and steps.

Others: Some names I can’t mention here and some I may not remember and forgot due to ######. Please forgive if I really missed someone important here.