

Copy Users to New ALM User Guide

This Excel use VBA to access ALM via SA API. It can get the user list from ALM server. It only copy the **Active** users to New ALM server, but you can change the VBA code to copy all users too.

You need to Register ALM Site Administration before use it.

Prerequisite

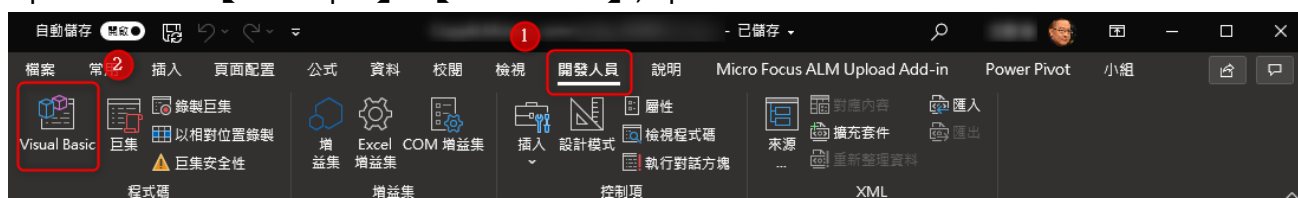
1. Goto ALM > Tools > ALM Client Registration > Register ALM Site Administration
2. I didn't make a login form. You need to change the ALM URL, SA username and password in the VBA code by yourself.

You need to enable the Developer function in Excel.

<https://support.office.com/en-us/article/show-the-developer-tab-e1192344-5e56-4d45-931b-e5fd9bea2d45>

Step :

1. Open this Excel **【Developer】** > **【Visual Basic】** , open VBA IDE.



2. Find the following code and change to your ALM information. There are 2 different locations you need to change.

```
(一般)

Dim strAdmin_old As String
Dim strPass_old As String
Dim strURL_new As String
Dim strAdmin_new As String
Dim strPass_new As String
Dim strDefaultPass As String

'欄位的index
Dim intUserName As Integer
Dim intFullName As Integer
Dim intUsIsActive As Integer
Dim intEmail As Integer
Dim intPhoneNumber As Integer
Dim intDescription As Integer
Dim intErrorNumber As Integer
Dim intErrorDescription As Integer
intErrorNumber = 14
intErrorDescription = 15

'=====
'Change it: Source ALM server ' ALM URL and Site Admin username/passeord
strURL_old = "http://192.168.157.137:8080/qcbin"
strAdmin_old = "admin"
strPass_old = "admin"

'Change it: Destination ALM server ' ALM URL and Site Admin username/passeord
strURL_new = "http://192.168.157.137:8080/qcbin"
strAdmin_new = "admin"
strPass_new = "admin"

'Default Password when create new user account on destination ALM, you can change it
strDefaultPass = ""
'=====

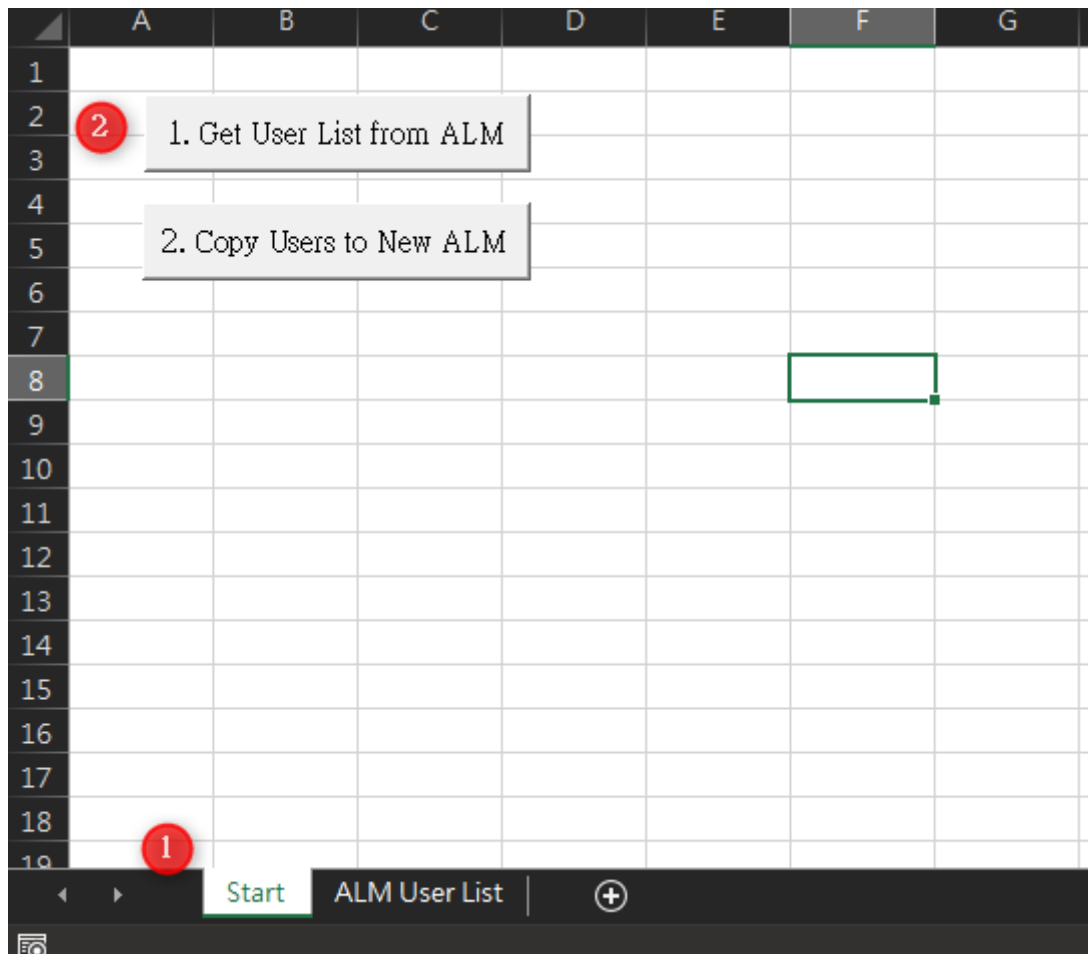
i = 1
j = 1

'Site admin 登入舊 ALM server
Set objSASource = CreateObject("SAClient.SaApi.9")
```

(一般)

```
Sub GetUsers()  
  Dim objSASource As Object  
  Dim XDoc As Object  
  Dim lists As Object  
  Dim listNode As Object  
  Dim fieldNode As Object  
  Dim xmlAllUsers As String  
  Dim i As Integer  
  Dim j As Integer  
  Dim strURL As String  
  Dim strAdmin As String  
  Dim strPass As String  
  
  '-----  
  'Change it : Source ALM server ' ALM URL and Site Admin username/passeord  
  strURL = "http://192.168.157.137:8080/qcbin"  
  strAdmin = "admin"  
  strPass = "admin"  
  '-----  
  
  i = 1  
  j = 1  
  
  Set objSASource = CreateObject("SAClient.SaApi.9")  
  objSASource.login strURL, strAdmin, strPass  
  xmlAllUsers = objSASource.GetAllUsers  
  
  Set XDoc = CreateObject("MSXML2.DOMDocument")  
  XDoc.async = False  
  XDoc.validateonparse = False  
  XDoc.LoadXML xmlAllUsers  
  
  Set lists = XDoc.DocumentElement  
  Worksheets("ALM User List").Activate  
  Worksheets("ALM User List").Cells.Clear  
  i = 2  
  
  On Error Resume Next  
  
  For Each listNode In lists.ChildNodes
```

3. Goto to Excel after you have changed the ALM information in the VBA code. Goto Start worksheet and click **【1. Get User List from ALM】** button.

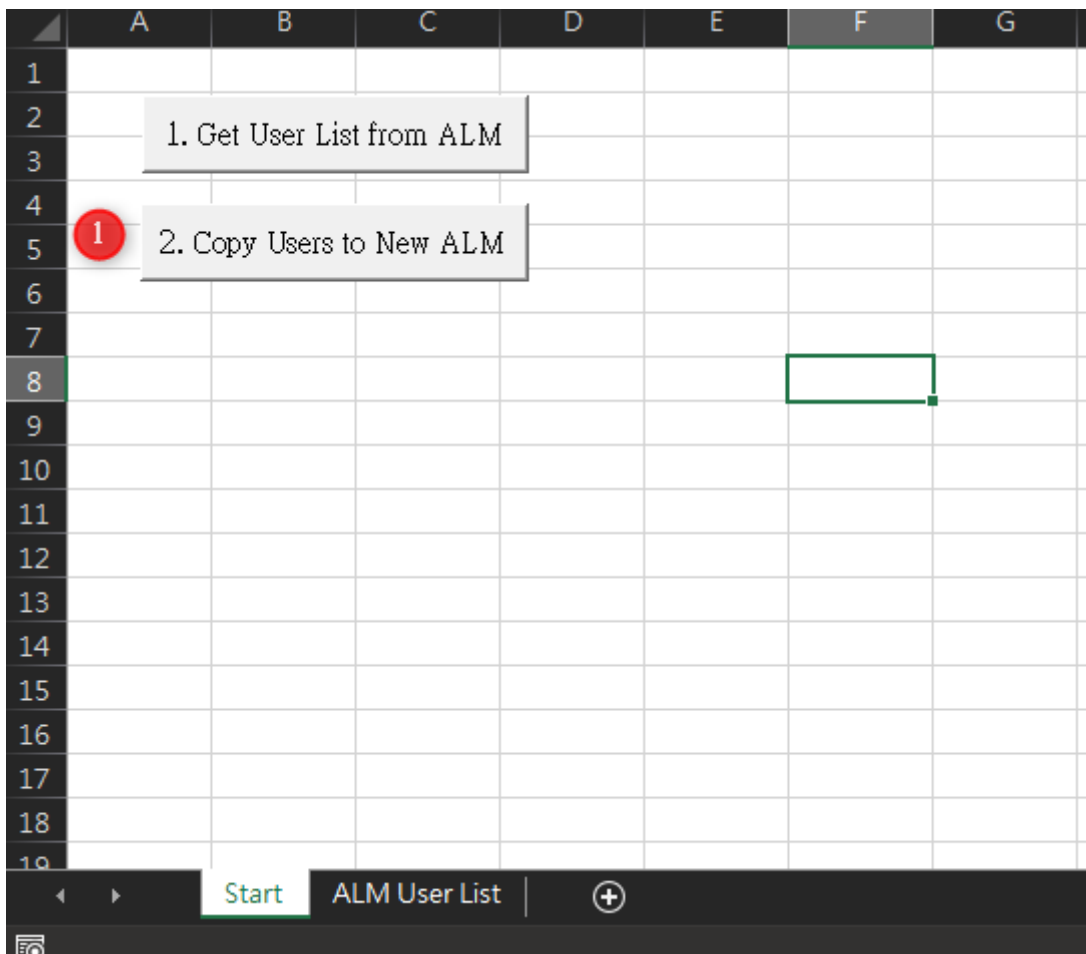


4. You will see the user list from ALM server if nothing wrong.

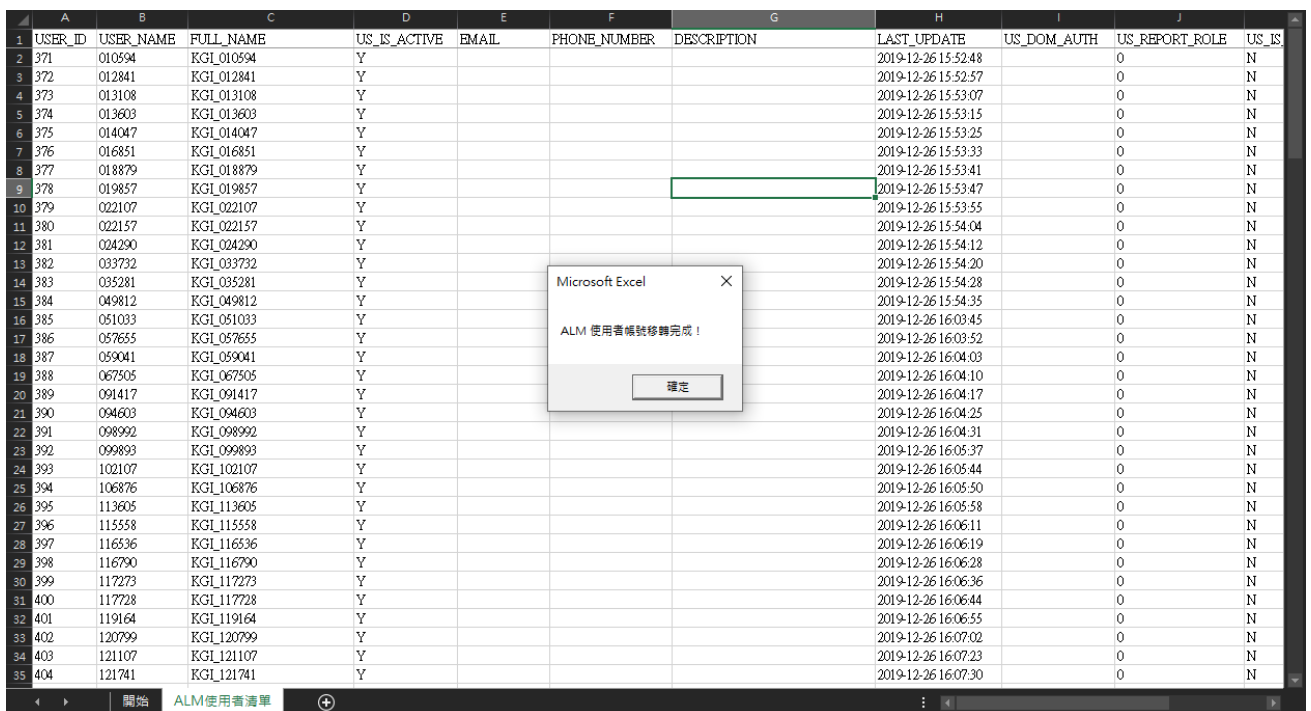
	A	B	C	D	E	
1	USER_ID	USER_NAME	FULL_NAME	US_IS_ACTIVE	EMAIL	PHC
159	416	周芷若	Getac POC	Y		
160	410	張XX	Getac POC	Y		
161	412	張三	Getac POC	Y		
162	414	張三豐	Getac POC	Y		
163	415	張無忌	Getac POC	Y		
164	417	趙敏	Getac POC	Y		
165	411	謝XX	Getac POC	Y		
166	413	謝遜	Getac POC	Y		
167						
168						
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Start ALM User List

5. Go back to Start worksheet and click 【2.Copy Users to New ALM】 button.



6. It will get ALM user list again and copy to new ALM server. It will popup message when it down.



7. If something wrong when create new user on new ALM server. It will record the ERROR message. For example “Failed to create user. User XXXXX already exists.”

J	K	L	M	N	O	P	Q	R	S	T
1	US_REPORT_ROLE	US_IS_SYSTEM	US_EXPIRATION_DATE	US_AVATAR_CACHE	Error Number	Error Description				
2	0	N			-2147220177	Failed to create user. User '010594' already exists				
3	0	N			-2147220177	Failed to create user. User '012841' already exists				
4	0	N			-2147220177	Failed to create user. User '013108' already exists				
5	0	N			-2147220177	Failed to create user. User '013603' already exists				
6	0	N			-2147220177	Failed to create user. User '014047' already exists				
7	0	N			-2147220177	Failed to create user. User '016851' already exists				
8	0	N			-2147220177	Failed to create user. User '018879' already exists				
9	0	N			-2147220177	Failed to create user. User '019857' already exists				
10	0	N			-2147220177	Failed to create user. User '022107' already exists				
11	0	N			-2147220177	Failed to create user. User '022157' already exists				
12	0	N			-2147220177	Failed to create user. User '024290' already exists				
13	0	N			-2147220177	Failed to create user. User '033732' already exists				
14	0	N			-2147220177	Failed to create user. User '035281' already exists				
15	0	N			-2147220177	Failed to create user. User '049812' already exists				
16	0	N			-2147220177	Failed to create user. User '051033' already exists				
17	0	N			-2147220177	Failed to create user. User '057655' already exists				
18	0	N			-2147220177	Failed to create user. User '059041' already exists				
19	0	N			-2147220177	Failed to create user. User '067505' already exists				
20	0	N			-2147220177	Failed to create user. User '091417' already exists				
21	0	N			-2147220177	Failed to create user. User '094603' already exists				
22	0	N			-2147220177	Failed to create user. User '098992' already exists				
23	0	N			-2147220177	Failed to create user. User '099893' already exists				
24	0	N			-2147220177	Failed to create user. User '102107' already exists				
25	0	N			-2147220177	Failed to create user. User '106876' already exists				
26	0	N			-2147220177	Failed to create user. User '113605' already exists				
27	0	N			-2147220177	Failed to create user. User '115558' already exists				
28	0	N			-2147220177	Failed to create user. User '116536' already exists				
29	0	N			-2147220177	Failed to create user. User '116790' already exists				
30	0	N			-2147220177	Failed to create user. User '117273' already exists				
31	0	N			-2147220177	Failed to create user. User '117728' already exists				
32	0	N			-2147220177	Failed to create user. User '119164' already exists				
33	0	N			-2147220177	Failed to create user. User '120799' already exists				
34	0	N			-2147220177	Failed to create user. User '121107' already exists				
35	0	N			-2147220177	Failed to create user. User '121741' already exists				

開始

ALM使用者清單

