



## <UsuariosDominio-Globaltek>

### Readme

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Version 1.0

02/02/2022

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## 1. Introduction

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This document contains all essential information for the user to make full use of this A2019 (*Bot/Command Package*). It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the (*Bot/Command Package*).

### 1.1 Overview

*The bot performs the creation of active directory domain users on a Windows Server 2012 server. The bot handles an Excel file that works as input, it should be located in a folder or path shared with the server or machine where it will be executed the bot. The result is a txt file with the users successfully created and the file is attached to an email.*

*In case of error, it is notified via email and an event log is attached in a txt file.*

### 1.2 Use cases

The key use cases include:

*Instructions: Include bullet point descriptions of the generic use cases where this Bot or Command Package can be used.*

- *Check if a user is created.*
- *Create user in Active Directory.*
- *Add user to Active Directory group.*

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## 2. Requirements & Prerequisites

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### 2.1 System Requirements

#### [Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

Machine hardware specifications: 8 GB RAM

Operating system versions: MS Windows 10

Command packages: Active Directory, Boolean, Comment, CSV/TXT, Datetime, Delay, Email, Error Handler, Excel Advanced, If, Logtofile, Loop, Message Box, Step, String

### 2.2 Prerequisites

*It is required to access the Active directory:*

- *Server IP.*
- *Admin User, must have permission to create, update and delete users.*
- *Password.*

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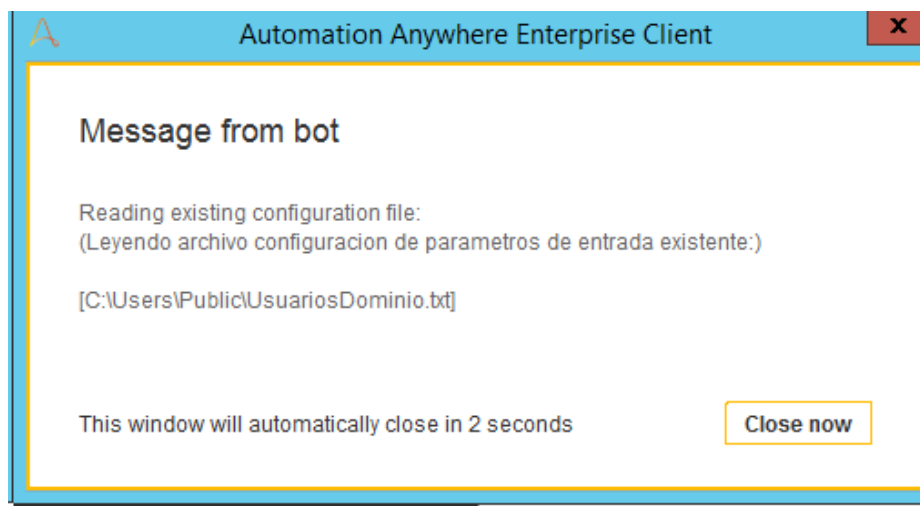
## 3. Getting Started

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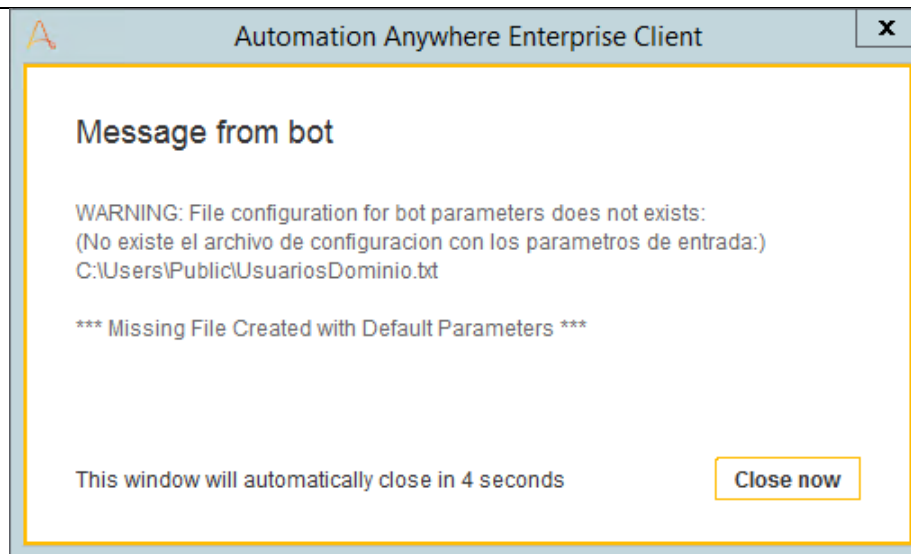
### 3.1 Quick Start

#### 3.1.1 Setup


*Step 1. First time run the UsuariosDominio bot, it looks the file parameters configuration into C:\Users\Public\UsuariosDominio.txt directory.*



*Step 2. If the file configuration does not exist, then it will create a file parameters configuration into C:\Users\Public\UsuariosDominio.txt directory*



*Step 3. Open the configuration file found in the path (C:\Users\Public\UsuariosDominio.txt), please edit and modify the parameters to indicate the preferred working directory*

 UsuariosDominio.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

```
# Ruta o directorio donde residen los datos del proyecto
# Path or directory where the project data resides
sPath=C:\ProgramData\AutomationAnywhere\Bots\Logs

# Ruta o directorio del insumo de entrada, datos de los usuarios a crear
# Path or directory of the input file, data of the users to create
strArchivoEntrada=C:\Creacion usuarios de Dominio.xlsx

# Dominio del correo de usuario
# User mail domain
strDominioCorreo=@domain.test

# IP del Servidor con el que se establece la conexion.
# Server IP with which the connection is established.
strIPServidor=111.122.0.222

# Nombre del archivo TXT que se enviará en el correo de notificación.
# Name of the TXT file that will be sent in the notification email.
strArchivoNotificacion=NotificationFile_

# Dirección de correo electrónico donde se enviará la notificación.
# Email address where the notification will be sent.
strCorreoNotificacion=test@abc.com
```

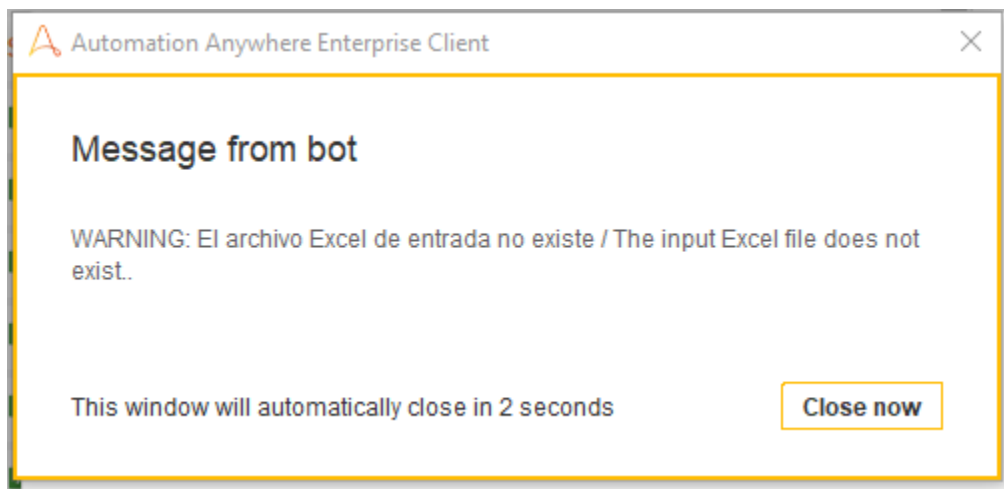
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**Note:** *The data recorded above is test*

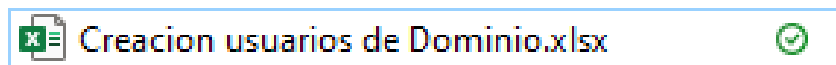
*End of setup.*

### 3.1.2 Configuration and Use

*Step 1. After configured the bot, the first time run the bot, the bot automatically looks the Excel file inputs Creacion usuarios de Dominio. If the input file does not exist, you will see the next error*



*Step 2. Create an Excel file with the information of the users to create, for example, "Creacion usuarios de Dominio.xlsx":*

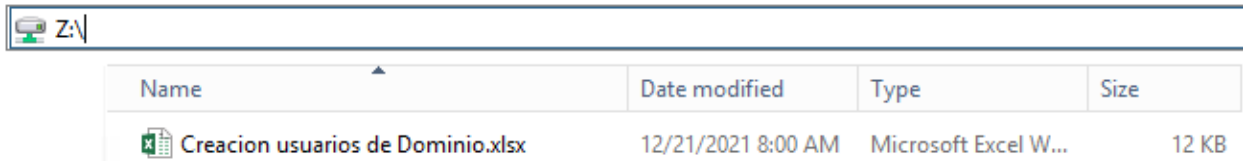




	A	B	C	D	E	F	G	H	I
1	Unidad Organizacional	Nombre	Apellido	Usuario de Dominio	Rol 1	Rol 2	Plataforma 1	Plataforma 2	Plataforma 3
2	Servicios	Andrea	Martinez Perez	andrea.martinez	Servicios		AgentesOTRS		OTOBO - SGSI
3	Comercial	Andres	Garzon	andres.garzon	Comercial		UsuariosSugarCRM		OTOBO - SGSI
4	Administrativo	Paula	Jimenez	paula.jimenez	Administrativa		UsuariosSugarCRM		
5	Servicios	David	Mayor	david.mayor	Servicios	Administrativa	AgentesOTRS	UsuariosSugarCRM	OTOBO - SGSI
6									
7									
8									
9									
10									

Note: the name of the sheet should be "Nuevo usuario".

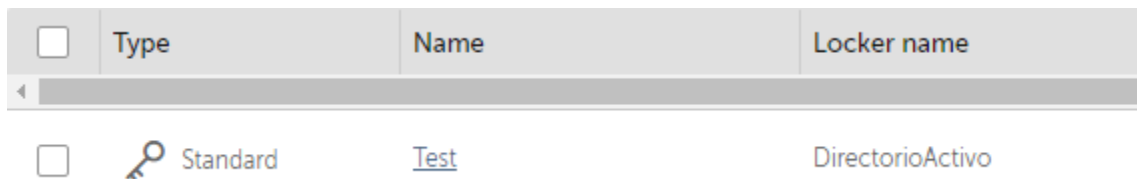
Step 3. Add this file to shared folder or path.



Note: You need to add this path in the config file.

- For Credential Vault – Configurable Credential Vault

<b>Locker Name</b>	<b>Credentials Name</b>	<b>Attribute Name</b>	<b>Value</b>
DirectorioActivo	Test	User	server admin user
DirectorioActivo	Test	Password	Server admin user password





○ For Configuring the Bot – Configurable variable list

<b>INPUT VARIABLES</b>				
<b>Variable Name</b>	<b>Type</b>	<b>Mandatory</b>	<b>Purpose</b>	<b>Example Input</b>
<i>sPath</i>	<i>String</i>	<i>Yes</i>	<i>Path for the configure template from which the Bot reads the value from path</i>	<i>sPath = C: \ ProgramData \ AutomationAnywhere \ Bots \ Logs</i>

*End of configurable variable list.*

. Explain how a customer can use the bot once it's configured – walk through examples.

Step 1. Open the UsuariosDominio bot at the private bot store (Control Room A360).

Public Private Bot Store

Private bots and files cannot be viewed by other people. If a bot or file has been checked out from the Public tab, it can be viewed and run by other people, but cannot be edited.

**Folders**

- > Bots
- ▼ Bot Store
  - Botname-VendorName
  - > **UsuariosDomi...**

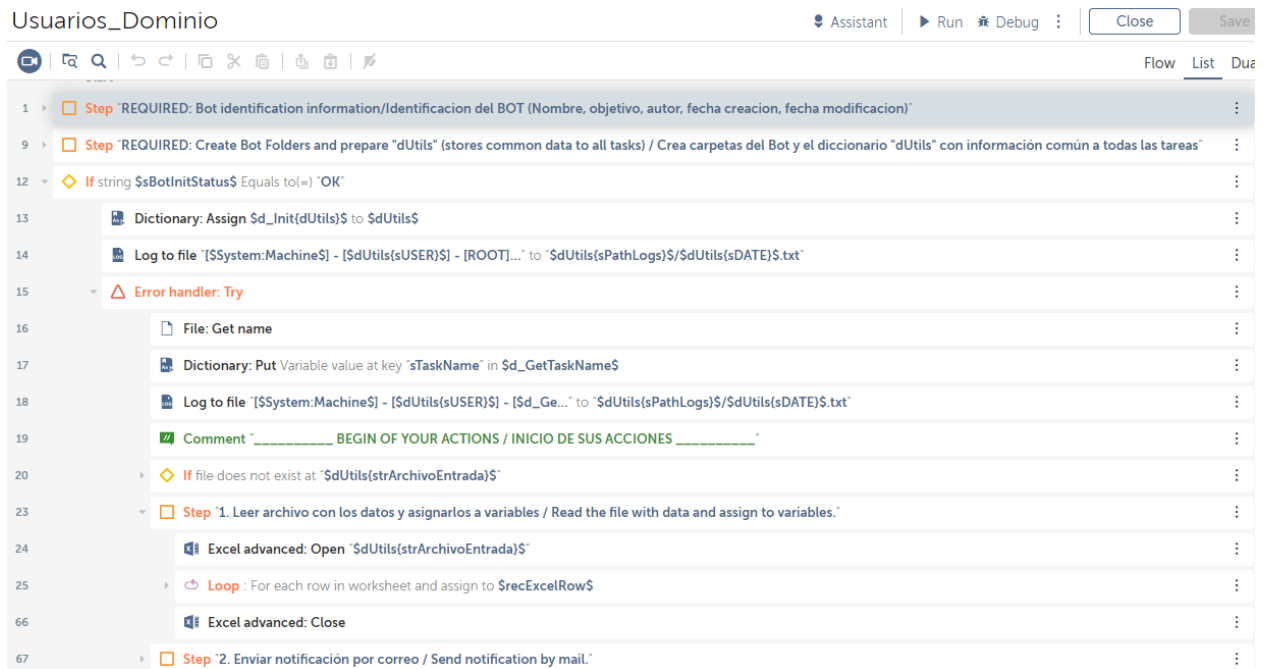
Name Search

Files and folders (3)

<input type="checkbox"/>	Type #1	Name #2	Status	Source version
<input type="checkbox"/>	Folder	<a href="#">Configuration</a>	N/A	N/A
<input type="checkbox"/>	Folder	<a href="#">Subtasks</a>	N/A	N/A
<input type="checkbox"/>	Task Bot	<a href="#">Usuarios_Dominio</a>	New	N/A

100 per page

## Step 2. Edit the Usuarios\_Dominio bot.

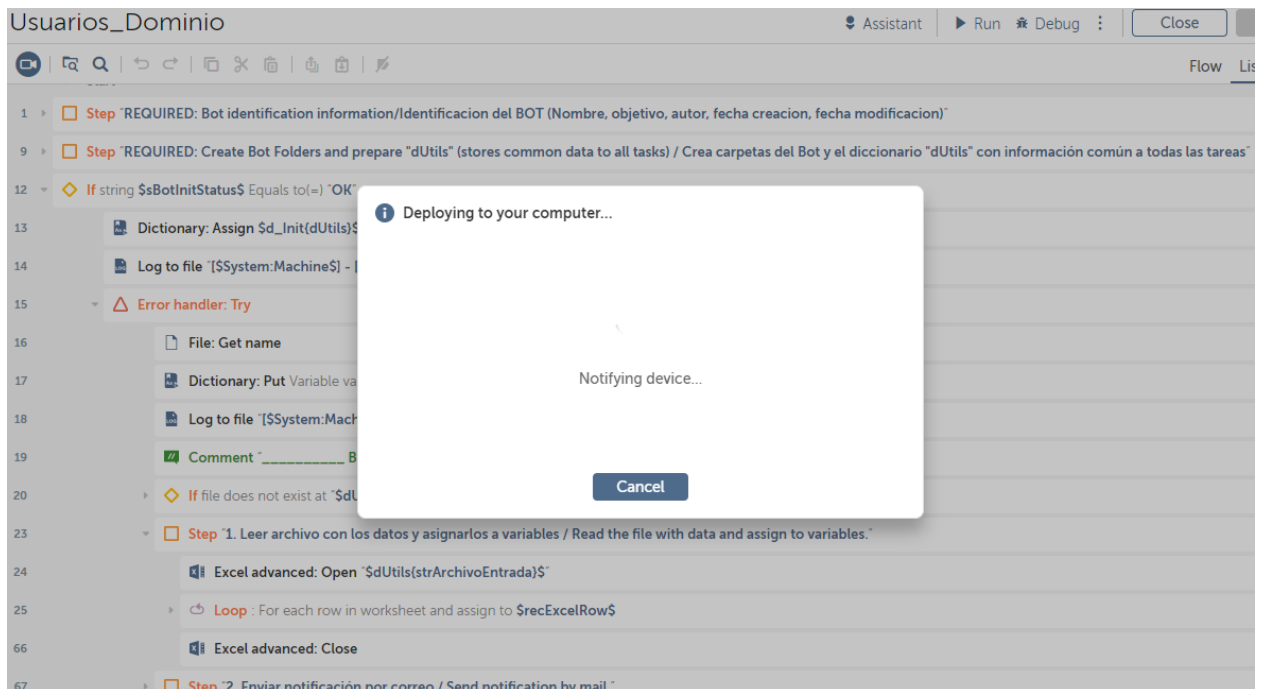


Usuarios\_Dominio Assistant Run Debug Close Save

Flow List Du

- Step REQUIRED: Bot identification information/Identificación del BOT (Nombre, objetivo, autor, fecha creación, fecha modificación)
- Step REQUIRED: Create Bot Folders and prepare "dUtils" (stores common data to all tasks) / Crea carpetas del Bot y el diccionario "dUtils" con información común a todas las tareas
- If string \$sBotInitStatus\$ Equals to(=) "OK"
- Dictionary: Assign \$d\_Init(dUtils)\$ to \$dUtils\$
- Log to file [System:Machine\$] - [dUtils(USER)\$] - [ROOT]... to "dUtils(sPathLogs)/dUtils(sDATE)\$txt"
- Error handler: Try
- File: Get name
- Dictionary: Put Variable value at key "sTaskName" in \$d\_GetTaskName\$
- Log to file [System:Machine\$] - [dUtils(sUSER)\$] - [d\_Ge...] to "dUtils(sPathLogs)/dUtils(sDATE)\$txt"
- Comment "----- BEGIN OF YOUR ACTIONS / INICIO DE SUS ACCIONES -----"
- If file does not exist at "dUtils(strArchivoEntrada)\$"
- Step "1. Leer archivo con los datos y asignarlos a variables / Read the file with data and assign to variables."
- Excel advanced: Open "dUtils(strArchivoEntrada)\$"
- Loop: For each row in worksheet and assign to \$recExcelRow\$
- Excel advanced: Close
- Step "2. Enviar notificación por correo / Send notification by mail."

## Step 3. Run the Usuarios\_Dominio bot



Usuarios\_Dominio Assistant Run Debug Close Save

Flow Lis

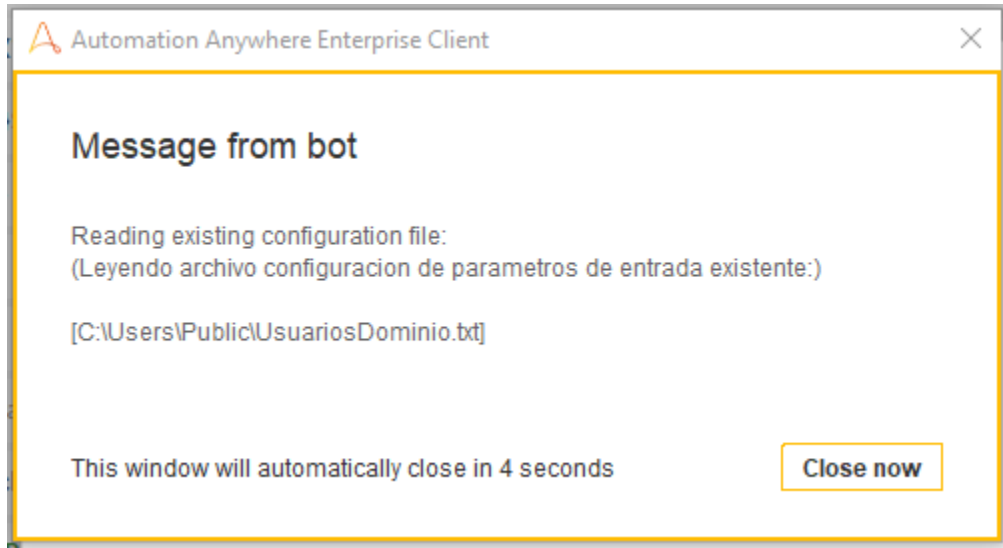
- Step REQUIRED: Bot identification information/Identificación del BOT (Nombre, objetivo, autor, fecha creación, fecha modificación)
- Step REQUIRED: Create Bot Folders and prepare "dUtils" (stores common data to all tasks) / Crea carpetas del Bot y el diccionario "dUtils" con información común a todas las tareas
- If string \$sBotInitStatus\$ Equals to(=) "OK"
- Dictionary: Assign \$d\_Init(dUtils)\$ to \$dUtils\$
- Log to file [System:Machine\$] - [dUtils(USER)\$] - [ROOT]... to "dUtils(sPathLogs)/dUtils(sDATE)\$txt"
- Error handler: Try
- File: Get name
- Dictionary: Put Variable value at key "sTaskName" in \$d\_GetTaskName\$
- Log to file [System:Machine\$] - [dUtils(sUSER)\$] - [d\_Ge...] to "dUtils(sPathLogs)/dUtils(sDATE)\$txt"
- Comment "----- BEGIN OF YOUR ACTIONS / INICIO DE SUS ACCIONES -----"
- If file does not exist at "dUtils(strArchivoEntrada)\$"
- Step "1. Leer archivo con los datos y asignarlos a variables / Read the file with data and assign to variables."
- Excel advanced: Open "dUtils(strArchivoEntrada)\$"
- Loop: For each row in worksheet and assign to \$recExcelRow\$
- Excel advanced: Close
- Step "2. Enviar notificación por correo / Send notification by mail."

Deploying to your computer...

Notifying device...

Cancel

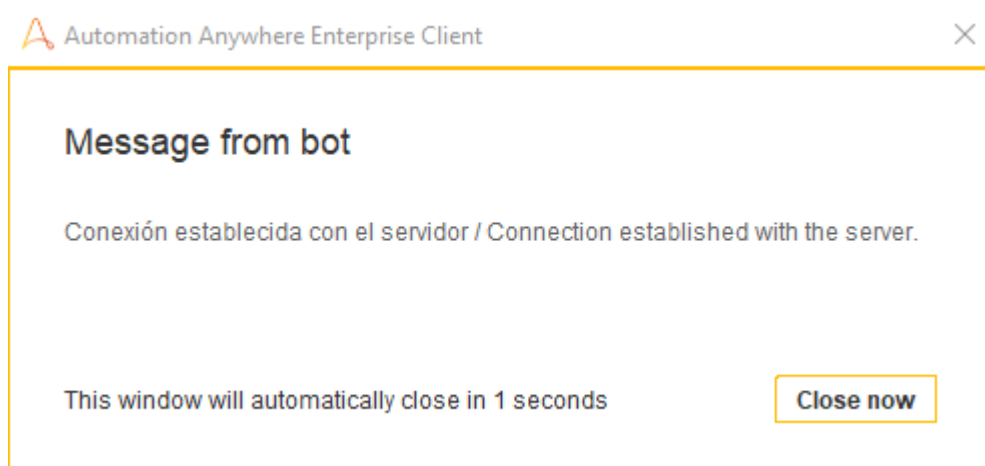
*Step 4. Reading bot parameters*



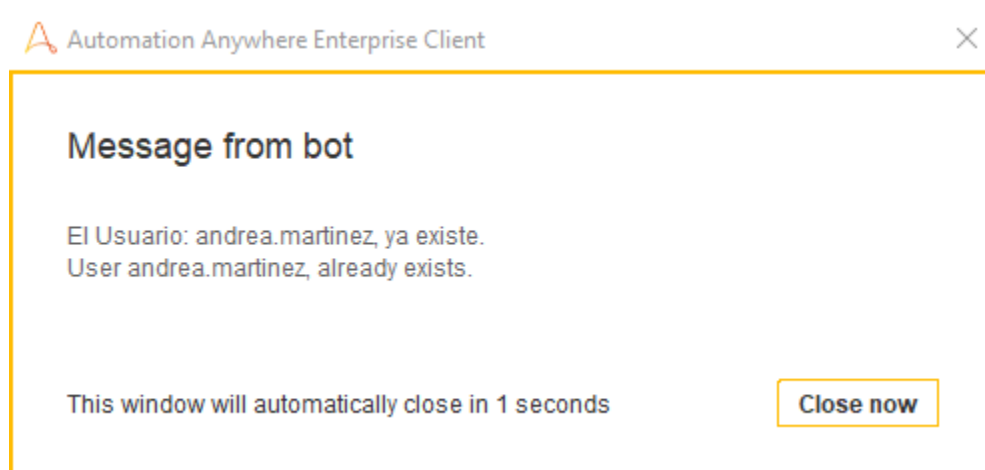
*Step 5. Open and read the Input file with data and assign to variables.*

	A	B	C	D	E	F	G	H	I	J
1	Unidad Organizacional	Nombre	Apellido	Usuario de Dominio	Rol 1	Rol 2	Plataforma 1	Plataforma 2	Plataforma 3	
2	Servicios	Andrea	Martinez Perez	andrea.martinez	Servicios		AgentesOTRS		OTOBO - SGI	
3	Comercial	Andres	Garzon	andres.garzon	Comercial		UsuariosSugarCRM		OTOBO - SGI	
4	Administrativo	Paula	Jimenez	paula.jimenez	Administrativa		UsuariosSugarCRM			
5	Servicios	David	Mayor	david.mayor	Servicios	Administrativa	AgentesOTRS	UsuariosSugarCF	OTOBO - SGI	
6										
7										
8										
9										

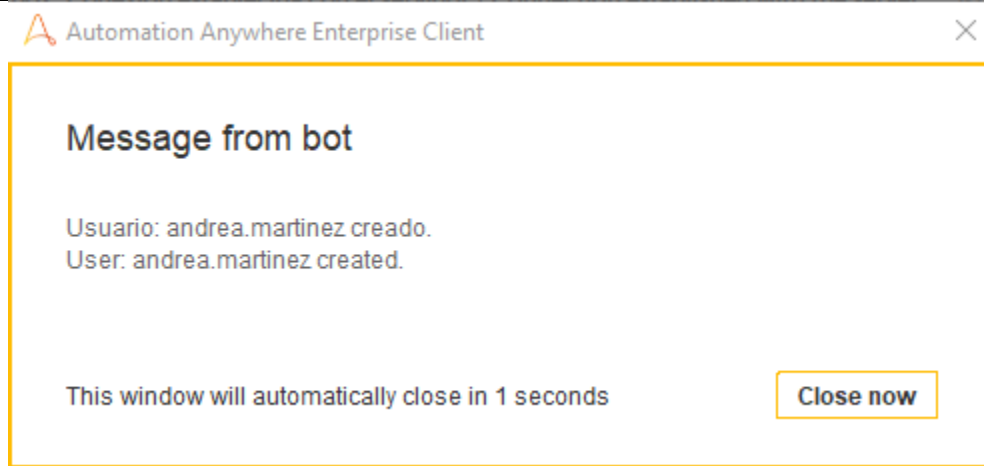
*Step 6. Establish connection to the server*



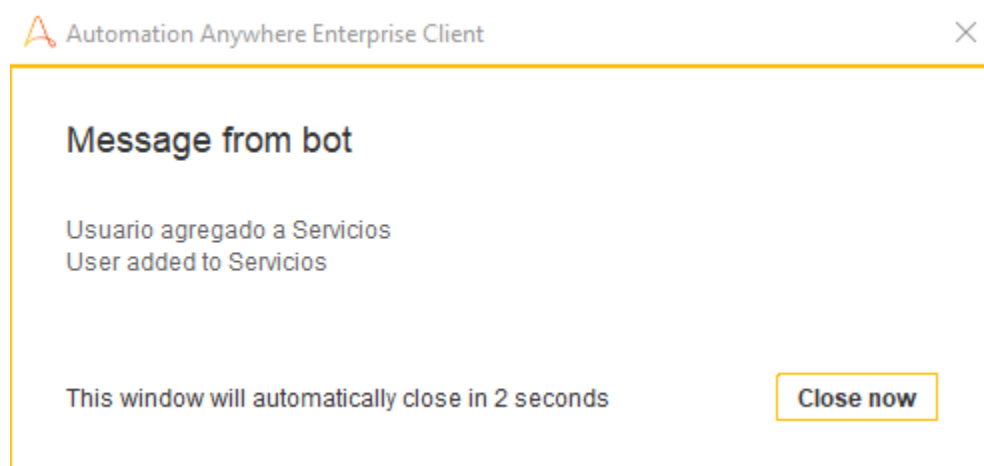
*Step 7. Check if the user exists in the active directory.*



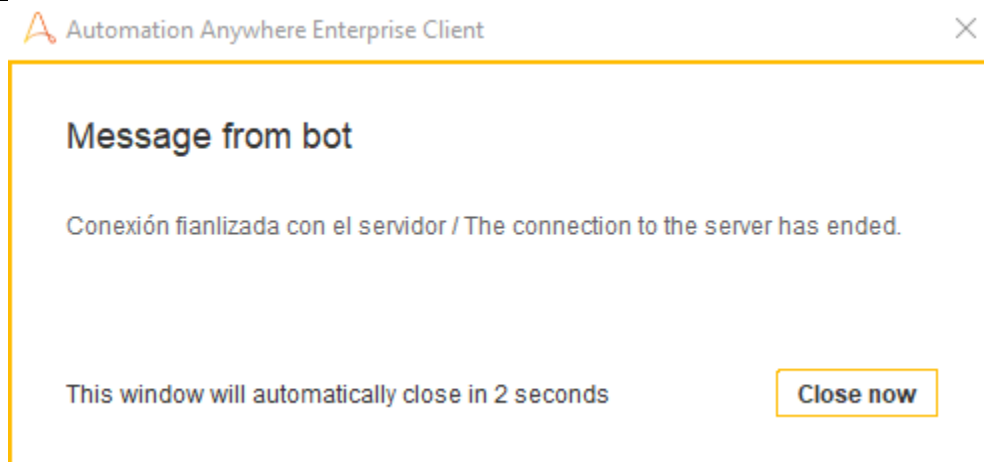
*Step 8. If it doesn't exist, create user*



*Step 9. Add user to group in active directory*



*Step 10. End the connection to the server.*



*Step 11. Make text output file. Make text output file. Record user information created in .txt output file*


NotificaciónProceso\_2022-01-28.txt: Bloc de notas  
Archivo Edición Formato Ver Ayuda


```
(1/28/2022 9:22:14 AM) - INFO : Usuario andrea.martinez, creado exitosamente.
(1/28/2022 9:22:14 AM) - INFO : User andrea.martinez, successfully created.
(1/28/2022 9:22:15 AM) - INFO : Usuario andrea.martinez, agregado exitosamente al grupo: Servicios.
(1/28/2022 9:22:15 AM) - INFO : User andrea.martinez, successfully added to group: Servicios.
(1/28/2022 9:22:15 AM) - INFO : Usuario andrea.martinez, agregado exitosamente al grupo: AgentesOTRS.
(1/28/2022 9:22:15 AM) - INFO : User andrea.martinez, successfully added to group: AgentesOTRS.
(1/28/2022 9:22:15 AM) - INFO : No se pudo agregar usuario andrea.martinez al grupo. Validar que el grupo exista.
(1/28/2022 9:22:15 AM) - INFO : Failed to add user andrea.martinez to group. Validate that the group exists.
                           Mensaje=[Unable to find group 'OTOB0 - SGSI'. Check the group name and try again.]

(1/28/2022 9:22:16 AM) - INFO : Usuario andres.garzon, creado exitosamente.
```

*Step 12. Send process notification via email with output file*



viernes 28/1/2022 16:05  
RB RPA Bot  
Notificación de Proceso: Ejecución Exitosa.  
Para  Juan Sebastian Osorio

 NotificaciónProceso\_2022-01-28.txt  
16 KB

Información de Proceso: Crear y agregar usuario(s).  
Archivo adjunto con información de la ejecución.

*End of user guide*



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## 4. Support & FAQs

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### 4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

### 4.2 FAQs

*Instructions: Add any Frequently Asked Questions related to Bot that you think would be helpful to the customer*

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).



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## Appendix A: Record of Changes

*Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.*

No.	Version Number	Date of Change	Author	Notes
<b>1</b>	<b>1.0</b>		<i>Leidy Torres Juan S. Osorio</i>	<i>Public in Bot store Whois wrapper support</i>

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## Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click <a href="#">here</a>
2	Guidance: Building basic A2019 bots	Click <a href="#">here</a>
3	Guidance: Building A2019 action packages	Click <a href="#">here</a>
4	APeople Community Forum	Click <a href="#">here</a>
5	Automation Anywhere University	Click <a href="#">here</a>