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1. Introduction

This document contains all essential information for the user to make full use of this Enterprise A2019 WhatsApp bot. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the WhatsApp bot.

1.1 Overview

The Enterprise A2019 WhatsApp bot can be used to broadcast a message to multiple WhatsApp recipients and groups using one or more of the following via WhatsApp Web:

- WhatsApp Mobile Number
- WhatsApp Group Name
- WhatsApp Mobile Contact Name

1.2 Use cases

Common use cases for this bot are for communicating to a group of friends or colleagues – especially during COVID-19-related events; these include:

- Send a broadcast of critical messages to friends, family, and co-worker groups on WhatsApp
- Periodic WhatsApp communication with public groups such as neighbors, schools, office, etc.
2. Getting Started

2.1 Quick Start

2.1.1 Import Bot

1. Download the *WhatsApp Bot* from the Community Edition Bots page to your computer.
2. Launch the Community Edition Control Room by logging into your Community Edition account. Note: If you do not have a Community Edition account, sign up [here for free](#).
3. Navigate to My Bots by clicking Bots in the left panel and then select My Bots:

4. Click Import Bots:

5. Click Browse and select the Bot you would like to import:
6. Refresh the bot list by clicking on the “Refresh table” button to access the newly imported bot.

2.1.2 Setup

Download the A2019 WhatsApp bot file and import into your A2019 Control Room Repository.

2.1.3 Configuration and Use

- User to fill in recipients mobile no./contact name/group name under “Column A” on “C:\WhatsAppBot-CommunityEdition\ToList.xlsx” file.

Sample XLS:
PS. A2019 WhatsApp bot creates XLS file under "C:\WhatsAppBot-CommunityEdition\ToList.xlsx", if the file doesn’t already exist.

- Bot will prompt for user input to enter message to be delivered.
- Upon user confirmation, A2019 WhatsApp bot loops through each contact/group and sends the message entered in the previous step to the list of contacts on "C:\WhatsAppBot-CommunityEdition\ToList.xlsx" file.

**Important Note**: WhatsApp Web should be enabled for the sender account and logged-in prior to bot execution.

**Sample Screenshots:**
Message from bot

Automation Anywhere WhatsApp Bot (via Web WhatsApp)
---------------------------------------------------------------------
1. Creates XLS file under "C:\WhatsAppBot-CommunityEditionToList.xlsx", if the file
doesn't exist
2. User to fill in recipients mobile no/contact name/group name under column A
3. User to input message to be delivered
4. Bot loops through each of the contact and sends a WhatsApp message

Note: WhatsApp Web should be enabled and logged-in prior to bot execution

This window will automatically close in 5 seconds
3. Requirements & Prerequisites

3.1 System Requirements

Below are the minimum system requirements for running bots as an Enterprise A2019 (cloud-deployed) or Community Edition user on your local machine.

Hardware Requirements

<table>
<thead>
<tr>
<th>Device</th>
<th>Processor</th>
<th>RAM</th>
<th>Storage (Free Space)</th>
<th>Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine</td>
<td>Intel Core i5</td>
<td>4 GB minimum</td>
<td>32 GB</td>
<td>1 GbE</td>
</tr>
<tr>
<td></td>
<td>2.6 GHz</td>
<td>8 GB recommended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bot Creator and Bot Runner</td>
<td>No additions to the machine requirements</td>
<td>No additions to the machine requirements</td>
<td>Add 100 through 150 KB per Automation Anywhere script</td>
<td>No additions to the machine requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Add 40 through 50 GB per long-term project</td>
<td></td>
</tr>
</tbody>
</table>

Browser Requirements

The user interface for Automation Anywhere Enterprise is through a browser. Login to your device then login to Enterprise Control Room through a browser.

<table>
<thead>
<tr>
<th>Browser</th>
<th>Browser Version</th>
<th>Automation Anywhere plug-in version</th>
<th>Supported bot functions by Bot agent version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Google Chrome</td>
<td>57 or later</td>
<td>11 or 12</td>
<td>2.0.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.0.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.0.1</td>
</tr>
<tr>
<td>Microsoft Internet Explorer</td>
<td>11</td>
<td>N/A</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Debugger only</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>All except Credential Vault</td>
</tr>
</tbody>
</table>

(1) Google Chrome re-verification

**CAUTION:** Google Chrome requires re-verification of permissions when the Automation Anywhere Google Chrome extension (Version 11.3.3 or later) is updated. If prompted, click Enable this item in the Google Chrome message. Alternatively, re-enable the extension through chrome web store. Similarly, if you are deploying your Bot Runners from a master image, accept the permission from within that image.

(2) Google Chrome plug-in versions

A2019 supports Chrome plug-in version 11. If you have other versions installed, you might not be able to record tasks using the Record feature or Capture action. To resolve this issue, do the following:

1. Rename the automation.chrome.agent registry key to automation.chrome.agent.old. The registry key is available at: Computer\HKEY_CURRENT_USER\Software\Google\Chrome\NativeMessagingHosts
2. Disable all other Google Chrome plug-in versions you have installed, except for version 11.
3.2 Prerequisites

This Bot uses Automation Anywhere Enterprise A2019.10 & above (On-Prem/Cloud/Community Edition) in order to send out the WhatsApp messages. The following are required:

- Google Chrome Browser (WhatsApp Web Supported version)
- Microsoft Excel 2010 & above
- Internet Connection
4. Support & FAQs

4.1 Support

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

- Community Support, connecting with other Automation Anywhere customers and developers on APeople
- Automation Anywhere’s Product Documentation portal, which can be accessed for more information about our products and guidance on Enterprise A2019.

4.2 FAQs

Q: Can I make changes to this bot?
A: Absolutely. Free bots are for you to make use of, customize, and/or include in your builds as you see fit.

Q: Can I upgrade the packages for this bot?
A: Yes – but know that the bot was created/tested on a specific package version. Any modifications to that may result in unexpected outcomes – so make sure to test the bot/subtask after making any package version modifications.

Q: How can I change the output format of the bot?
A: When calling a subtask, the return value is always of type dictionary, and the value(s) returned from the subtask can be access through their specific variable names as a key within the dictionary.

For questions relating to Enterprise A2019: See the Enterprise A2019 FAQs.
Appendix A: References

<table>
<thead>
<tr>
<th>No.</th>
<th>Topic</th>
<th>Reference Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Overview of Enterprise A2019</td>
<td>Click here</td>
</tr>
<tr>
<td>2</td>
<td>Guidance: Building basic A2019 bots</td>
<td>Click here</td>
</tr>
<tr>
<td>3</td>
<td>Guidance: Building A2019 action packages</td>
<td>Click here</td>
</tr>
<tr>
<td>4</td>
<td>APeople Community Forum</td>
<td>Click here</td>
</tr>
<tr>
<td>5</td>
<td>Automation Anywhere University</td>
<td>Click here</td>
</tr>
</tbody>
</table>