



# A2019 Shopping Assistant Bot

## Readme

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Version 1.0  
14 April 2020

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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 Enterprise A2019 Bot. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

## 1.1 Overview

The *ShoppingAssistant* Bot can be used to search for essential items in multiple stores. The default stores are Walmart, Walgreens, and CVS; however other stores may be added by the end user. the Bot sends an email message containing the URLs (with the search results) to the intended recipient.

## 1.2 Use cases

The primary use case for this bot is as a search tool for COVID-19-related shopping essentials that may be difficult to find.

## 2. Requirements & Prerequisites

### 2.1 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

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

#### 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.

Browser	Browser Version	Automation Anywhere plug-in version <sup>2</sup>	Supported bot functions by Bot agent version		
			2.0.2	1.0.2	1.0.1
Google Chrome <sup>1</sup>	57 or later	11 or 12	2.0.2	1.0.2	1.0.1
Microsoft Internet Explorer	11	N/A	None	Debugger only	All except Credential Vault

(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.

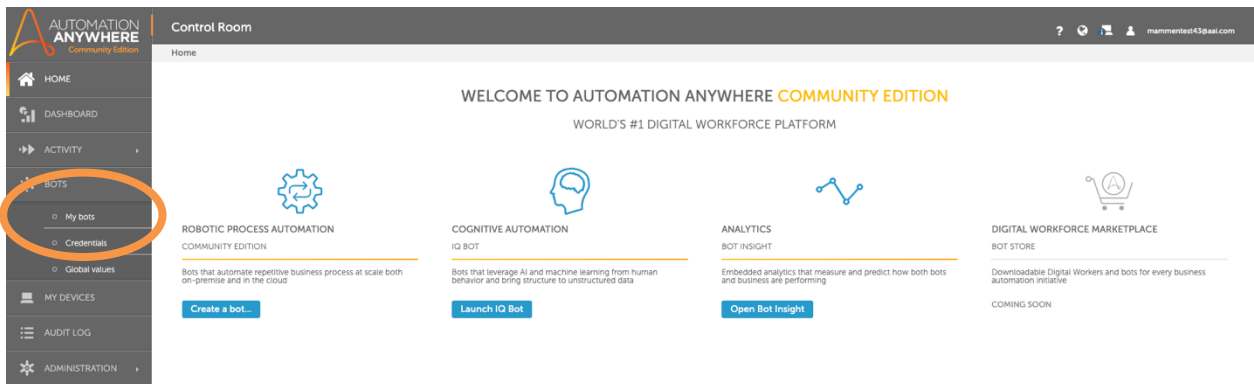
## 2.2 Prerequisites

This Bot utilizes Enterprise A2019 and the Microsoft Outlook application to send the resulting URL report to the intended recipient. The following are required:

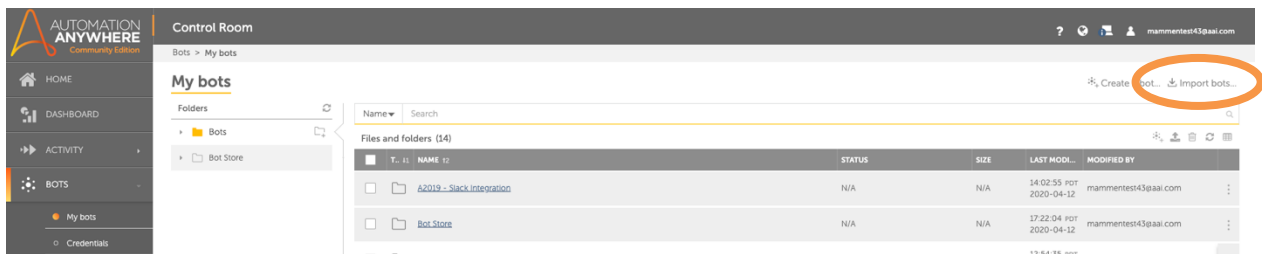
- Microsoft Outlook installed on the bot runner machine
- Google Chrome browser on bot runner machine

### Import Bot

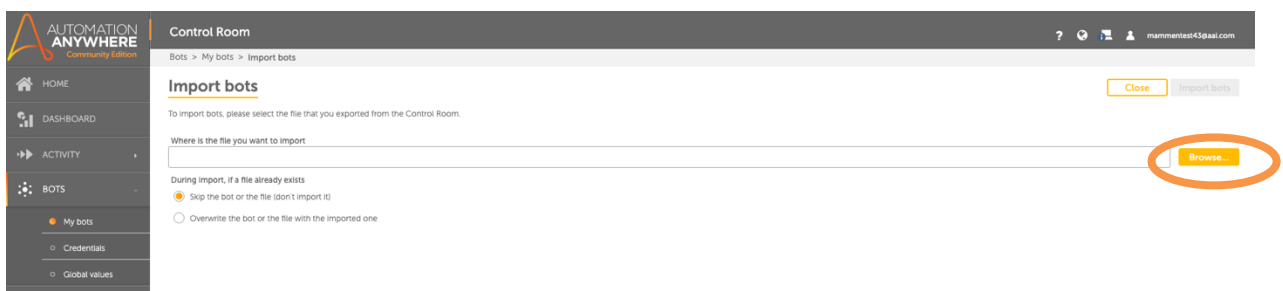
1. Download the “xyz bot” from the [Community Edition Bots page](#) to your computer.
2. Launch the Community Edition Control Room by logging into your Community Edition account. Note: If you do not have a Community Edition account, sign up [here for free](#).
3. Navigate to **My Bots** by clicking **Bots**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



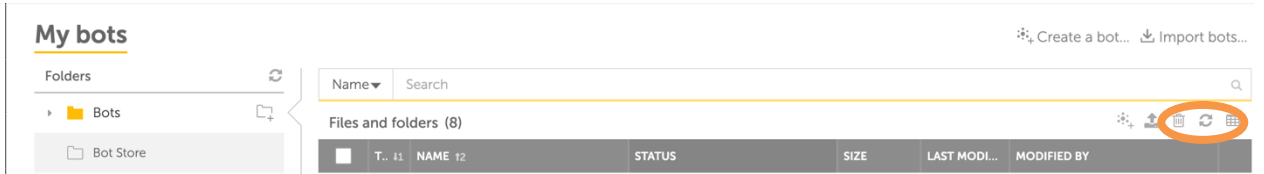
4. Click **Import Bots**:



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.



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## 3. Getting Started

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### 3.1 Quick Start

#### 3.1.1 Setup

Download the Enterprise A2019 *ShoppingAssistant* bot file and import it into your A2019 Control Room Repository

##### 3.1.1.1 Outlook

Outlook must be properly installed and configured to be able to send email on the bot runner machine in order to have the URL results emailed to the recipient.

##### 3.1.1.2 Chrome Browser

This bot operates with the Chrome browser. This must be installed on the bot runner machine, and the store searches specified above must happen in the Chrome browser, in order for the store searches to work properly.

#### 3.1.2 Configuration

No configuration is required for this bot. The user will be prompted to complete a form consisting of an email address, a zip code where the shopping search will occur, and the item to be searched.



## Sample Screenshots:

The screenshot displays the 'Control Room' interface for a bot named 'ShoppingAssistant'. The main area shows a flowchart with the following components:

- Initial Steps:** 'Interactive forms: Display \$StoreForm\$' followed by 'Interactive forms: Disable TextBox2 in \$StoreForm\$'.
- Process Form Step:** A central 'Step: Process Form' block.
- Trigger Loops:** Three 'Trigger loop: Handle' blocks.
  - The first loop contains: 'Interactive forms: Reset \$StoreForm\$', 'Interactive forms: Disable TextBox2 in \$StoreForm\$', and 'Trigger loop: Break'.
  - The second loop contains: 'Interactive forms: Close \$StoreForm\$' and 'Trigger loop: Break'.
  - The third loop contains: 'Interactive forms: Get value from radioOption5 in \$\$', an 'If' conditional block (boolean: \$Other\$ Equals to(=) ...), and an 'If: Else' block.
- Final Actions:** 'Interactive forms: Enable TextBox2 in \$StoreForm\$' and 'Interactive forms: Disable TextBox2 in \$StoreForm\$'.

This is how the bot was built.

This screenshot shows the same 'ShoppingAssistant' bot flowchart as above, but with a simulated bot window overlaid. The window is titled 'Shopping Assistant' and contains the following elements:

- Title Bar:** 'Automation Anywhere' and window control buttons.
- Progress Bar:** A progress indicator showing '40%' completion, with 'Active: Line 13 of 26' and 'Action: uiformGetValue'.
- Form Fields:**
  - 'Enter email address \*': john.smeh@gmail.com
  - 'Enter your zip code \*': 84044
  - 'What are you searching for?': Radio buttons for 'Toilet paper' (selected), 'Paper towels', 'Hand sanitizer', and 'N95 masks'.
  - 'Other (please specify below)': A text input field.
- Buttons:** 'Clear Form', 'Search', and 'Close Form'.
- Footer:** 'Click Search to search Walgreens, Walmart, and CVS websites for the desired items.'

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This is how the Bot works.

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## 4. Support & FAQs

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### 4.1 Support

Free bots are not officially supported by Automation Anywhere. 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 provides more information about our products as well as for 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](#).

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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>