



# COVID-19 CDC Bot

## Readme

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Version 1.0  
10 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 *Covid-19 Advisories & Stats CDC Bot*. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the *Covid-19 CDC Advisories & Stats Bot*.

## 1.1 Overview

The Enterprise A2019 *COVID-19 CDC Advisories & Stats Bot* can be used to download state and local COVID-19 data from the Center for Disease Control (CDC):

## 1.2 Use cases

Common use cases for this bot are for communicating information to employees, for example, especially during COVID-19-related events; these include:

- National COVID-19 CDC cases
- State COVID-19 CDC cases
- Case breakdown by county

### CDC updates on cases of coronavirus in US

#### Case count summary

Total cases in US: 605390  
Total deaths in US: 24582  
Total cases in California: 23338  
Total cases in Santa Clara County(6085) by #####: 1666  
Visit California's health website for more details: [Click Here](#)

**Find Emergency Room near you:**[Click Here](#)

**Safety Tips**

**Stay engaged during quarantine.  
Thing to do and watch.**

**Kids**

**Partner**

**Single**

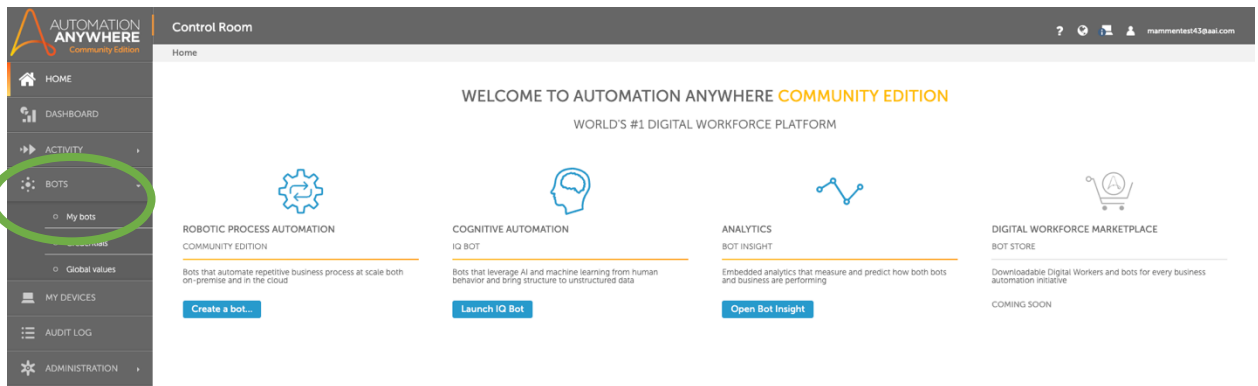
**Pets**

## 2. Getting Started

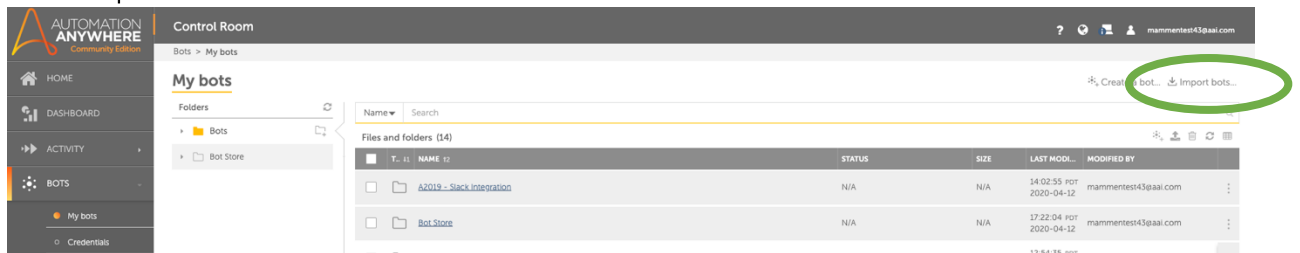
### 2.1 Quick Start

#### 2.1.1 Import Bot

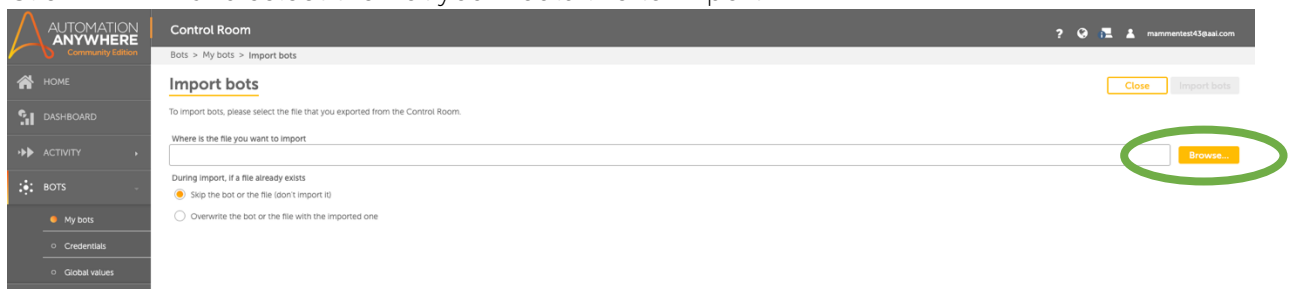
1. Download the bot from the [Community Edition Bots page](#) to your computer.
2. Launch the Community Edition Control Room by logging into your Community Edition account. Note: If you do not have a Community Edition account, sign up [here for free](#).
3. Navigate to **My Bots** by clicking **Bots**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



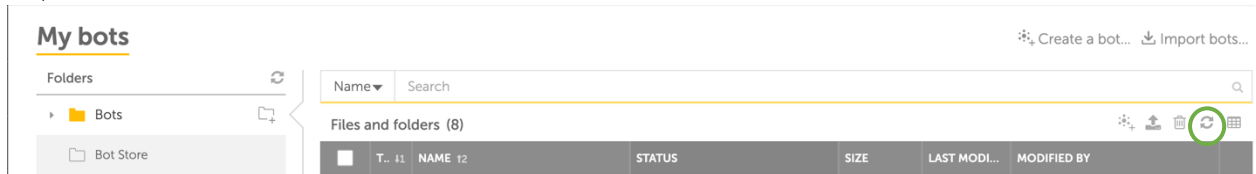
4. Click **Import Bots**:



5. Click **Browse** and select the Bot you would like to import:



- Refresh the bot list by clicking on the "Refresh table" button to access the newly imported bot.



## 2.1.2 Setup

Download the A2019 *COVID-19 CDC* bot file and import into your A2019 Control Room Repository.

## 2.1.3 Configuration and Use

- Run bot and add the following parameters:
  - vFileDownloadPath**: Filesystem path to download folder  
E.g: C:\Users\  - vEmailId**: Recipient email ID
- Bot fetches national and state level coronavirus cases from CDC website.
- Bot fetches county level coronavirus cases from Usafacts website.
- Bot saves these data in csv.
- Bot shows interactive form to enter FIPS code for the County you're interested in. FIPS codes can be found here - [https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/home/?cid=nrcs143\\_013697](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/home/?cid=nrcs143_013697)
- On clicking find button bot does a VLOOKUP to find number of cases in that county and respective state.
- Bot shows this data in form and emails details to configured email id. Currently to and from email ids are same. Can be configured accordingly.  
If you do not have Microsoft Outlook configured with your mail box on your system, you can change the option on Line 76, from Outlook to Email Server. You can find the SMTP settings for popular email services here - <https://docs.automationanywhere.com/bundle/enterprise-v2019/page/enterprise-cloud/topics/aae-client/bot-creator/commands/cloud-configuring-mail-server.html>
- Bot sends personalised email to the email id you provided.

## 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

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		
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.

## 3.2 Prerequisites

This Bot uses Automation Anywhere Enterprise A2019.10 & above (On-Prem/Cloud/Community Edition) in order download the CDC information.

The following are required:

- Google Chrome Browser
- Internet Explorer Browser
- Microsoft Excel 2010 & above
- Internet Connection
- County's FIPS Code -  
[https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/home/?cid=nrcs143\\_01369](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/home/?cid=nrcs143_01369)  
[Z](#)

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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 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](#).



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## Appendix A: 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>