



# A2019 Telegram Channel Update Bot

## Readme

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Version 1.0  
1/13/2021

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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 Telegram Channel Update bot. It includes the description of the functions and capabilities and step-by-step procedure for setup & configuration of the bot.

## 1.1 Overview

A2019 Telegram Channel Update bot can be used to send a message to a channel or a group using Telegram Bot token and recipient Chat ID. It utilizes the Telegram 'sendMessage' API to send messages.

## 1.2 Use cases

The key use cases include:

- Having a Telegram Bot to send periodic updates to a Telegram channel or a group (Market Indices, Stock Availability, Status updates etc.)
- Using this bot as a helper bot (sub-task) to send Telegram message(s) to subscribed Telegram Channels

## 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<br>2.6 GHz                 | 4 GB minimum<br>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<br><br>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

- Automation Anywhere Enterprise A2019 setup to run in your machine.
- Telegram account

## 3. Getting Started

### 3.1 Quick Start

#### 3.1.1 Setup

- Install the Bot from Bot Store into your Control Room
- Navigate to Telegram Channel Update Bot – Automation Anywhere in the Bot Store folder to examine the installed bot.

#### 3.1.2 Configuration and Use

Telegram Channel Update Bot can be deployed either in attended or unattended automation.

In attended mode, input the following variables while running the bot or the bot will request user to input these values during the execution of the bot, if the values are not passed initially –

| S/N | Variable Name | Variable Type | Function  |
|-----|---------------|---------------|---|
| 1   | sChatID       | String        | Unique ChatID of the Telegram Channel or Telegram group   |
| 2   | sBotToken     | String        | Unique Telegram Bot Token used for API authentication     |
| 3   | sMessageText  | String        | Text Message that will be delivered via Telegram API call |

#### Set input variables


 sChatID

 sBotToken

 sMessageText

Note: For creating Telegram Bot, retrieving Bot Token and ChatID, refer to Appendix B for Telegram documentation link at the end of this document and are not the functions of this bot.

In unattended mode, the input variables sChatID & sBotToken can be initialized with a default value and the bot can be modified to fetch the sMessageText from another bot/source.

**Edit variable** Cancel Apply

Name  
sChatID

Description (optional)

Constant (read-only)

Use as input  Use as output

Type  
String

Default value (optional)  
<Default Value>

**Edit variable** Cancel Apply

Name  
sBotToken

Description (optional)

Constant (read-only)

Use as input  Use as output

Type  
String

Default value (optional)  
<Default Value>

## Log File

- A2019 Telegram Channel Update Bot will log each successful/unsuccessful Telegram API message delivery in the log file with timestamp (log folder and log file will be automatically created, if not present.)

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## 4. Support & FAQs

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### 4.1 Support

Free bots and packages 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

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.

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



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## Appendix A: Record of Changes

| No. | Version Number | Date of Change | Author       | Notes                  |
|-----|----------------|----------------|--------------|------------------------|
| 1   | 1.0.0.0        | 1/13/2021      | Arjun S Meda | Initial version of Bot |

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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> |
| 6   | Telegram Bot Documentation               | Click <a href="#">here</a> |