AUTOMATION ANYWHERE®

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Notify with Slack

Readme

Version 1.0

March 2, 2020

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1.   Introduction

This document contains all essential information for the user to make full use of this A2019 Notify with Slack Bot. This manual includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

1.1   Overview

The Notify with Slack Bot takes text message as an input and posts the message notification to a designated Slack Channel.

- Input: Set the keys and values in the dictionary vConnectParameters. The keys to be populated are - url, token, message, username, channel.

- Slack Notification Bot

  The above dictionary parameter is set in the SlackIntegrator Task File

- Slack Notification Bot Logic

- Output: Slack Notification
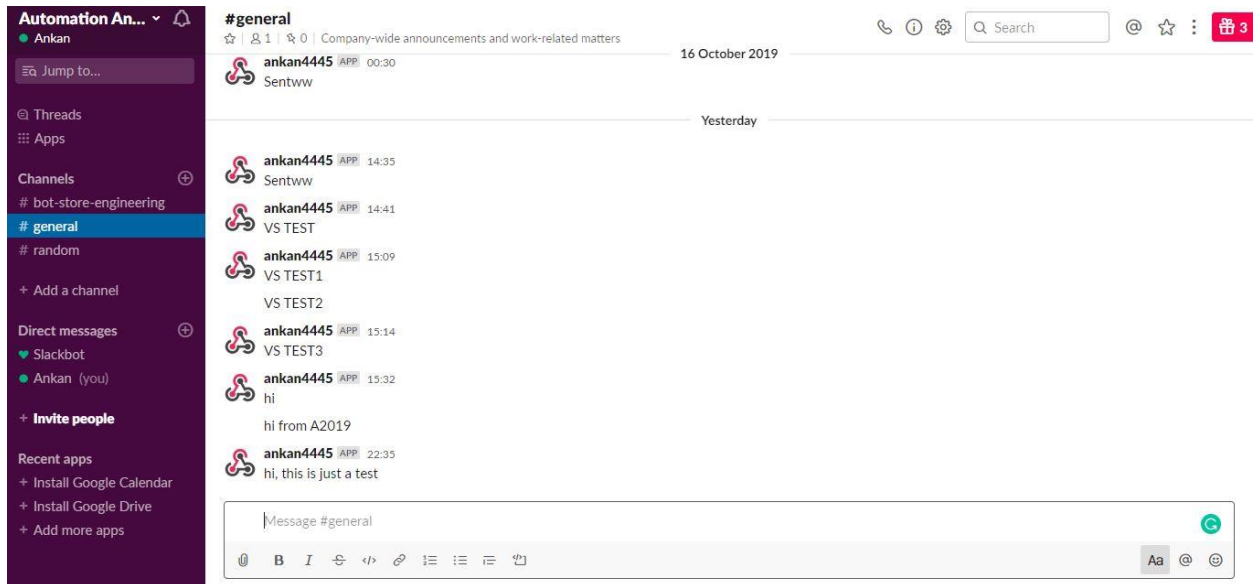
1.2 Common Use cases
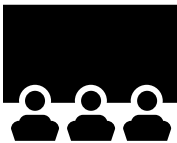
A common use case, as shown above, is to have a message notification sent over designated Slack channel. Examples of other use cases includes:

- Send Notification on Slack with New Member Onboarding

- Send Notification on Slack with Payroll Updates

- Send Notification on Slack with Leave Balance Updates

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	Supported bot functions by Bot agent version		
Google Chrome₁	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

- **Software's needed -**
- ✓ Slack WebApp
- **Accounts/License needed –**
- ✓ Slack Account. Slack account can be opened at [here](#)

2.3   Security Measures

There are some security best practice recommendations that you may follow with your bot.

- It is recommended to update Slack [API](#) Tokens twice or more in a quarter to ensure data safety.

3. Getting Started

3.1 Quick Start

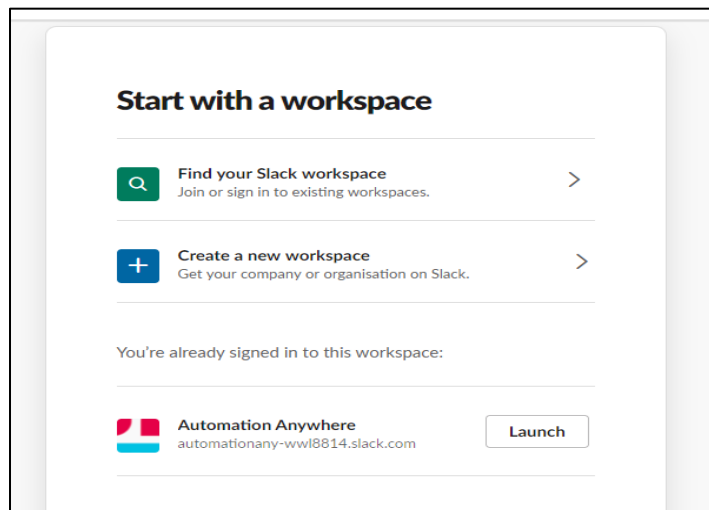### 3.1.1 Setup

STEP 1 (Setting up a Slack Account):

Click here

The below page will appear once the above link is clicked -

- If you already have an account, click on '**Launch**'.
- For new users, click on '**Create a new Workspace**' and sign in to your account.

Step 2 (Generating URL & Keys):

Click here

The below page will appear once the above link is clicked -
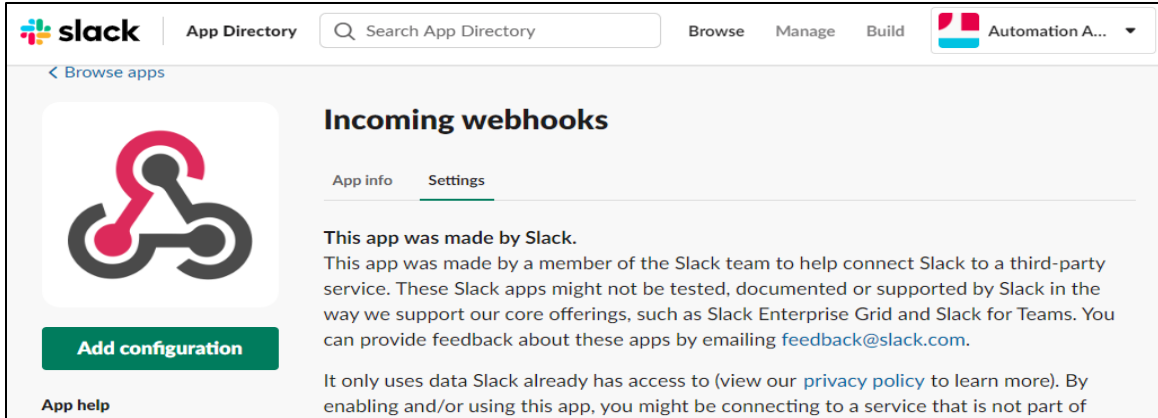
- Click on the "**Add Configuration**" option.
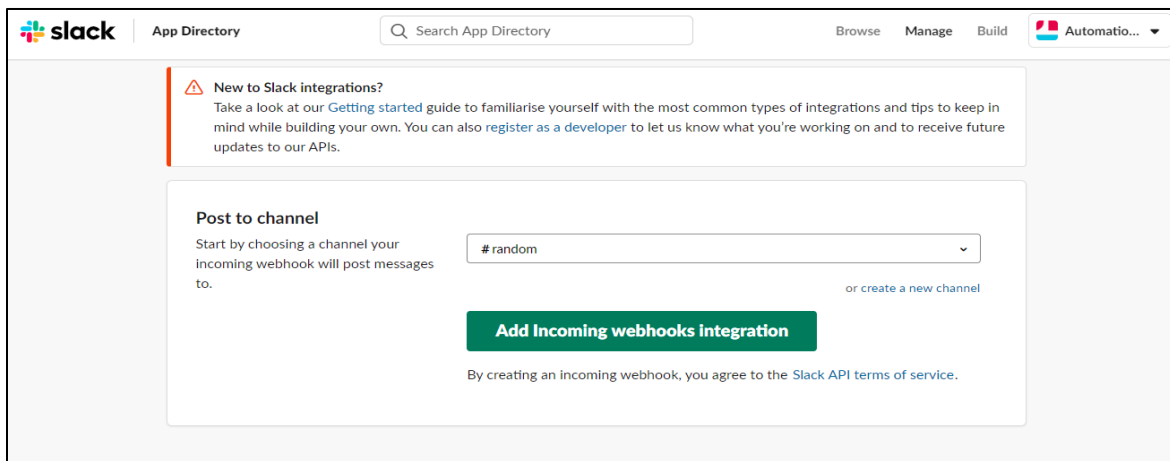
- It will take you to another page and give you an option to choose a channel. Choose a channel to which you want the bot to post and click "**Add Incoming Webhooks Integration**".

- It will give a Webhook URL which contains the token (highlighted part) looks something like the below example:

https://hooks.slack.com/services/T9LGF7BGV/BBHN68EAF/oaCbQnFWmDNUDsbvk

- Example of URL – Highlighted in Green.
- Example of Token – Highlighted in Yellow.

3.1.2 Configuration

Below is a table that summaries what the variable name is, what it does, and an example of the input & output:

INPUT VARIABLES: NEEDS TO BE CONFIGURED BY THE USERS FOR INPUT PARAMETER				
Variable Name	**Type**	**Mandatory (Yes/No)**	**Purpose**	**Example Input**
vConnectParameters	Dictionary	Yes	Dictionary containing all the necessary key value pairs to post message notification to slack channel	Contains keys like below url, token, message, username, channel
url	String	Yes	Key in vConnectParameters. URL of slack hook	https://hooks.slack.com/services/
token	String	Yes	Key in vConnectParameters. Slack API Token	TLKSJ063U/BLX92BKFS/wwwww
message	String	Yes	Key in vConnectParameters. Message to be posted to slack channel	Testing slack notification bot
Channel	String	Yes	Key in vConnectParameters. Slack channel in which message should be posted	#general
username	String	Yes	Key in vConnectParameters. Username of the Slack Account	john12
OUTPUT VARIABLES: DISPLAYS OUTPUT RESPONSE				
Variable Name	**Type**	**Mandatory (Yes/No)**	**Purpose**	**Example Output**
prompt-assignment	Text	No	Displays whether the Slack message has been sent successfully	True

4. Support and FAQs

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.
• IEX Cloud API documentation is available at https://iexcloud.io/docs/api/

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: Record of Changes

No.	Version Number	Date of Change (DD/MM/YYYY)	Author	Notes
1	1.0	02/03/2019	Ankan Mondal	Version 1 Release

Appendix B: Acronyms

No.	Acronym	Description
1	AA	Automation Anywhere
2	CSV	Comma Separated File
3	API	Application Programming Interface
4	RAM	Random Access Memory

Appendix C: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here