

## **A2019-WEATHER ASSISTANT**

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### **README**

**Version A2019.14**

**22/08/2020**

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## Table of Contents

<b>1. Introduction .....</b>	<b>3</b>
1.1 Overview .....	3
1.2 Use Cases .....	3
<b>2. Requirements &amp; Prerequisites.....</b>	<b>3</b>
2.1 System Requirements .....	4
2.2 Prerequisites .....	4
<b>3. Getting Started .....</b>	<b>5</b>
3.1 Quick Start .....	5
3.2 Configuration .....	5
<b>4. Support &amp; FAQs .....</b>	<b>11</b>
4.1 Support .....	11
4.2 FAQs .....	11
<b>Appendix A: Record of Changes .....</b>	<b>12</b>
<b>Appendix B: References.....</b>	<b>13</b>

## **1. Introduction**

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This document contains all essential information for the user to make full use of this A2019 Weather Assistant Bot. This bot retrieves the current weather report and sends the report to employees.

### **1.1 Overview**

- Gives the Weather Data to the End-user in an interactive form and also can find the weather data of different locations.
- Send emails to employees with current weather data wherein city that resides the office

### **1.2 Use cases**

The key use cases include:

- Retrieves Weather data from an open-source API and displays in a form
- Can retrieve weather report of the current location as well different location
- Stores response in a variable which is to be used by subsequent child bots
- Displays weather data using Interactive form in User's system

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## 2. Requirements & Pre-requisites

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### 2.1 System Requirements

#### [Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

### 2.2 Prerequisites

1. Automation anywhere enterprise A2019 enterprise installed.

## 3. Getting Started

### 3.1 Quick Start

#### 3.1.1 Configuration and Use

INPUT VARIABLES: Input Variables to be mentioned in this Table.					
Variable Name	Type	Mandatory	Purpose	Direction	Additional Info
vAPIKey	String	Yes	Contains the API Key required to generate the report data.	Input	You can generate your own by visiting <a href="https://weatherstack.com/">https://weatherstack.com/</a> , creating an account, and requesting a new API Key. Then copy and paste your key into the vAPIKey variable value dialog box.
vLogFolder	String	Yes	This folder contains Log file(errorlog.txt) in case of error	Input	(Already defined, no need to add value unless want to change the location of file). <b>Provided Path:</b> D:\A2019 Weather Assistant
vChoice	String	No	Contains the value from the drop-down	Input	Select 'Yes' in the drop-down before the application closes in 15 seconds to find the Weather report of different locations.  The default value is 'No' in TextBox
vLocation	String	Y/N	Contains the query {IP address /city name/coordinates of the weather report will relate to. *	Input	Enter the location in the text box under "Enter location" label in the interactive form. Click find
vEmployeeDetailFile	String	Yes	This folder contains employee details in excel format	Input	(Already defined, no need to add value unless want to change the location of file). <b>Provided Path</b> D:\Employee details\EmployeeDetails.xlsx Create a folder in that path with this file name if the file does not exist.
vToAddress	String	Yes	Contains the employee's email id from the excel sheet	Input	Each employee email from the Excel sheet is retrieved using loop action
vUsername	String	Yes	Input End-User Email id for authentication	Input	Use this variable when the server is an Email Server /EWS server. If outlook is configured in your desktop no need for username or password



vPassword	String	Yes	Input End-User Password for authentication	Input	Use this variable when the server is Email Server /EWS server.
vHostOrDomainName	String	Yes	Input Depending on the server.	Input	(Already defined, no need to add value unless want to change the host/domain name). Default: Email Server{Gmail}
vPort	String	No	Port Number for Gmail is 587	Input	(Already defined, no need to add value unless want to change the port number ). Default: Email Server{Gmail}

\*To ensure correct values are provided visit <https://weatherstack.com/documentation>

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.					
Variable Name	Type	Mandatory	Purpose	Direction	Additional Info
vCurrentCity	String	Yes	Contains the name of the city the weather report will relate to.	Output	Receives the current location using API: <a href="http://ip-api.com/json/">http://ip-api.com/json/</a>
vTemperature	String	Yes	Contains the temperature of the city the weather report will relate to.	Output	
vHumidy	String	Yes	Contains the humidity of the city the weather report will relate to.	Output	
vWindSpeed	String	Yes	Contains the wind speed of the city the weather report will relate to.	Output	
vWeatherDescription	String	Yes	Contains the weather description of the city the weather report will relate to.	Output	
vDifferentLocation	String	No	Contains the city of the city the weather report will relate to.	Output	

## Parent Bot

Parent Bot: WeatherMaster.

Run the parent bot. The response will be stored in a variable to the run subsequent child bots.

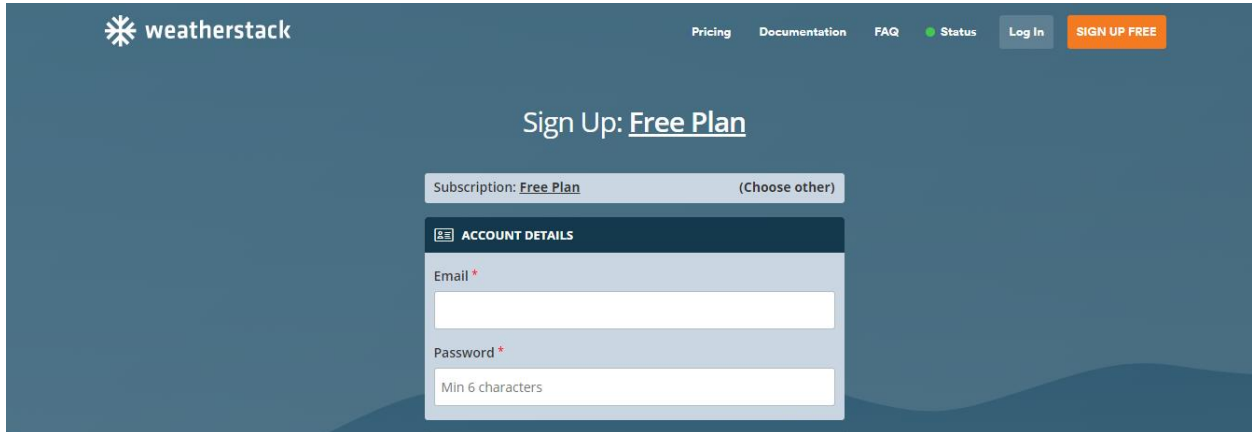
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## 4. API Getting Started

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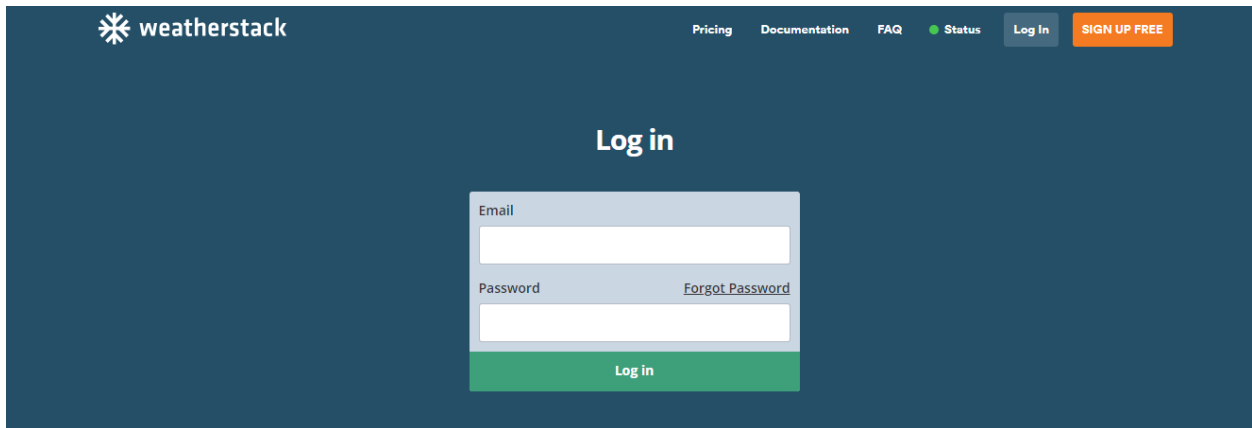
### 4.1 Quick Start

#### 4.1.1 API Configuration and Use



The screenshot shows the Weatherstack website's sign-up page. The header includes the Weatherstack logo, navigation links for Pricing, Documentation, FAQ, Status, Log In, and a SIGN UP FREE button. The main heading is "Sign Up: Free Plan". Below this, there is a subscription selector showing "Free Plan" and a "(Choose other)" link. The "ACCOUNT DETAILS" section contains an "Email" field with an asterisk, a "Password" field with an asterisk and a "Min 6 characters" hint, and a "Log In" button.


Step 1: [Sign up Click Here](#)



The screenshot shows the Weatherstack website's login page. The header is identical to the sign-up page. The main heading is "Log in". Below this, there is an "Email" field, a "Password" field, and a "Forgot Password" link. At the bottom of the form is a green "Log in" button.

Step 3: [Login and go to Dashboard](#)




[Pricing](#)
[Documentation](#)
[FAQ](#)
[Status](#)
[Dashboard](#)

Control Panel - Dashboard

Logged in as SHABEERA BEEBI (Sign Out)

Dashboard

Upgrade

Subscription Plan

Account

Payment

API Usage

You have no new notifications

3-Step Quickstart Guide

Documentation

Your API Access Key

b3ad5126628660b15ab3d3dcc635cdd2

Reset

**Step 3: Copy APIkey. Go to Weather\_Child Bot.**

DASHBOARD

ACTIVITY

BOTS

My bots

Credentials

Global values

Packages

MY DEVICES

IQ BOT

WORKLOAD

BOT STORE

Weather\_Child

Run

Debug

Analyze

Close

Save

Flow

List

Dual

Variables

Search variables

User-defined

dicJsonResponse

prompt-assignment

vAPIkey

vJsonResponseData

vLocation

Clipboard

String

System

Actions

Show

Triggers

Show

Start

Comment

This bot provides current we...

**Step 4: Edit variable vAPIkey and paste it in the Default value box.**

DASHBOARD

ACTIVITY

BOTS

My bots

Credentials

Global values

Packages

MY DEVICES

IQ BOT

WORKLOAD

BOT STORE

Edit variable

Cancel

Apply

Name

vAPIkey

Max characters = 50

Description (optional)

Max characters = 255

☐ Use as input

☐ Use as output

☐ Constant (read-only)

Type

String

Default value

b3ad5126628660b15ab3d3dcc635cdd2



## 5.Support & FAQs

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### 5.1 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](#).

### 5.2 FAQs

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	23/August/2020	Shabeera Beebi	Release Version

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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>