



CoE Manager Bot

Readme

Version 1.0.3

08/22/2023

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1. Introduction

This document contains all the essential information for the user to make full use of this Automation 360 **CoE Manager Bot**. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

1.1 Overview

This bot will allow an end user to enable “Execution Tracking” within CoE Manager, which gives full visibility into benefits realized from a bot based on Successful Executions, Failed Executions, and Automation Duration. Only download this bot if you want to connect to an On-Premise A360 environment. This bot should be scheduled to run at least every 24 hours. The frequency can be increased if desired. The Bot will retrieve all bot activity events from the On-Premise Control Room from yesterday until the Bot start time, using the UTC date format for the start and end time.

1.2 Use cases

Deploy this bot for an On-Prem deployment of A360 to get telemetry metrics into CoE Manager.

- This Automation would sync Execution ROI as provided by Activity List API. This would be used to calculate ROI for normal Execution
- This Automation would sync Transaction ROI as provided under Volume ROI API. This feature is available only for Control Room .29 and onwards and CoE-Manager implementation for Base .29 and above as well as Coe Manager Plus. In case either of these 2 criteria are not met, then no sync would happen for Transaction ROI

2. Requirements & Prerequisites

2.1 System Requirements

- Enterprise Automation 360.25+
- CoE Manager V1

2.2 Prerequisites

- On-Premise Control Room
- AA CR version should be Automation 360 v.25 or above
- On-Premises Build 15112 and above
- Active CoE Manager instance

3. Getting Started

3.1 Quick Start

3.1.1 Setup

- Control Room
 - Create a custom role with the following permissions:
 - View everyone's activity.
 - Generate API-Key.
 - Create a user and assign the custom role created above.
 - Provision an Unattended Bot Runner available to schedule this bot against once a day.
- CoE Manager
 - Add a new Control Room entry in your CoE Manager instance under 'Admin - Tech'
 - Choose hosting type "On-Prem"
 - Enter the Control Room URL without the prefix <https://> or <http://>
 - Copy the generated URL and paste it to the Bot variable '**CoeMgrUrl**'



3.1.2 Configuration and Use

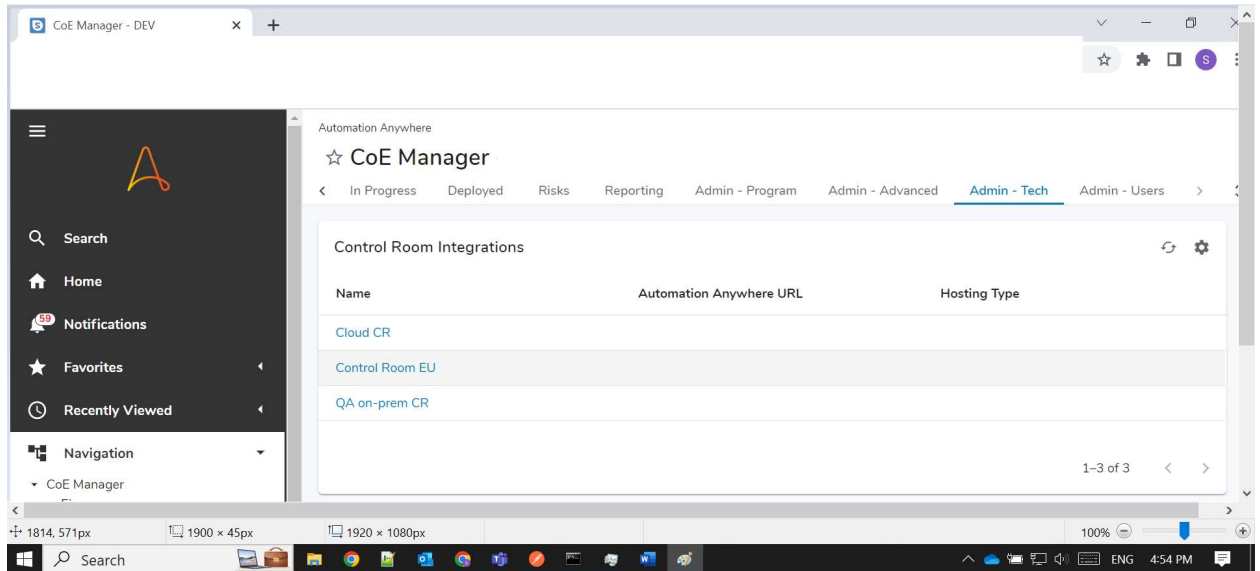
The variables below will need to be adjusted to match your environment prior to deploying.

- **CredentialUsername:** Admin user with Generate API Key role (*Refer to product documentation at <https://docs.automationanywhere.com/bundle/enterprise-v2019/page/enterprise-cloud/topics/control-room/administration/roles/cloud-control-room-apikey-role.html>*)
- **CredentialApiKey:** Generate API Key under username in Control Room.
- **ControlRoomUrl:** Your On-Prem A360 Control Room URL.
- **CoeMgrUrl:** This URL will be generated within your administrator view in CoE Manager.
- **AlertEmail:** Add in an email address if you would like to send an alert email with any errors.

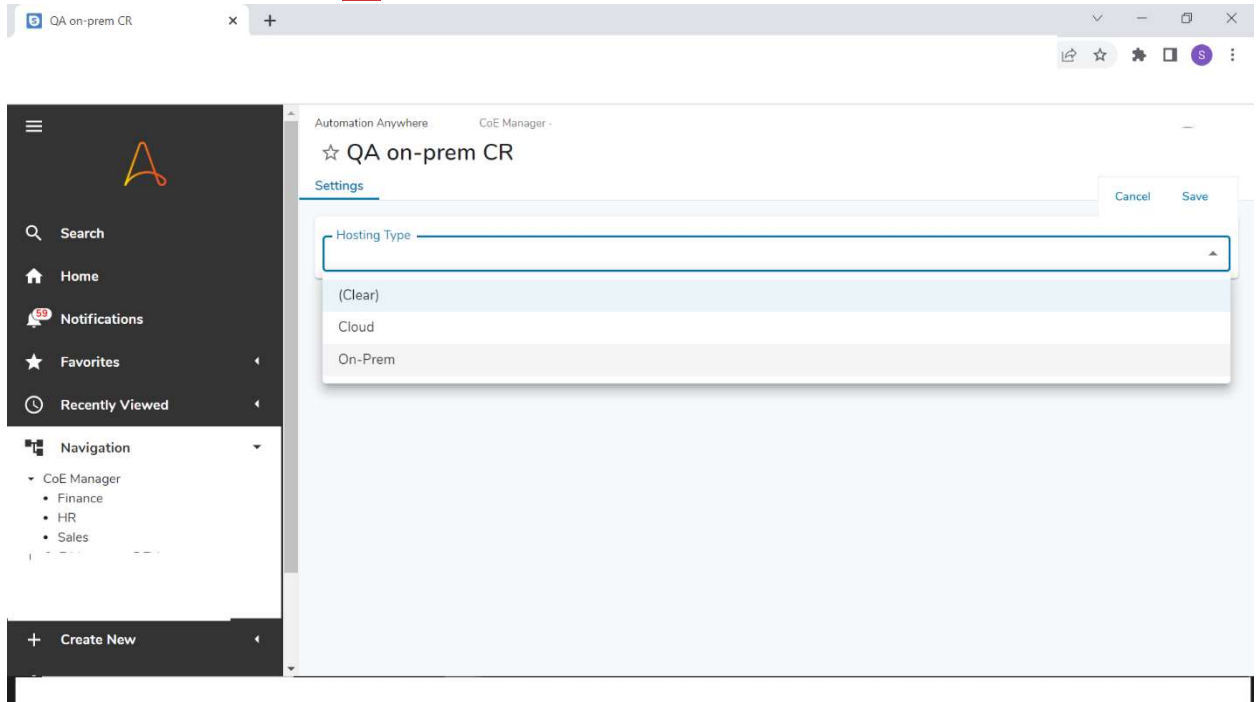
You will need to schedule this bot to run on an Unattended Bot Runner. Recommended run frequency is 24 hours.

3.1.3 CoE-Manager Setup

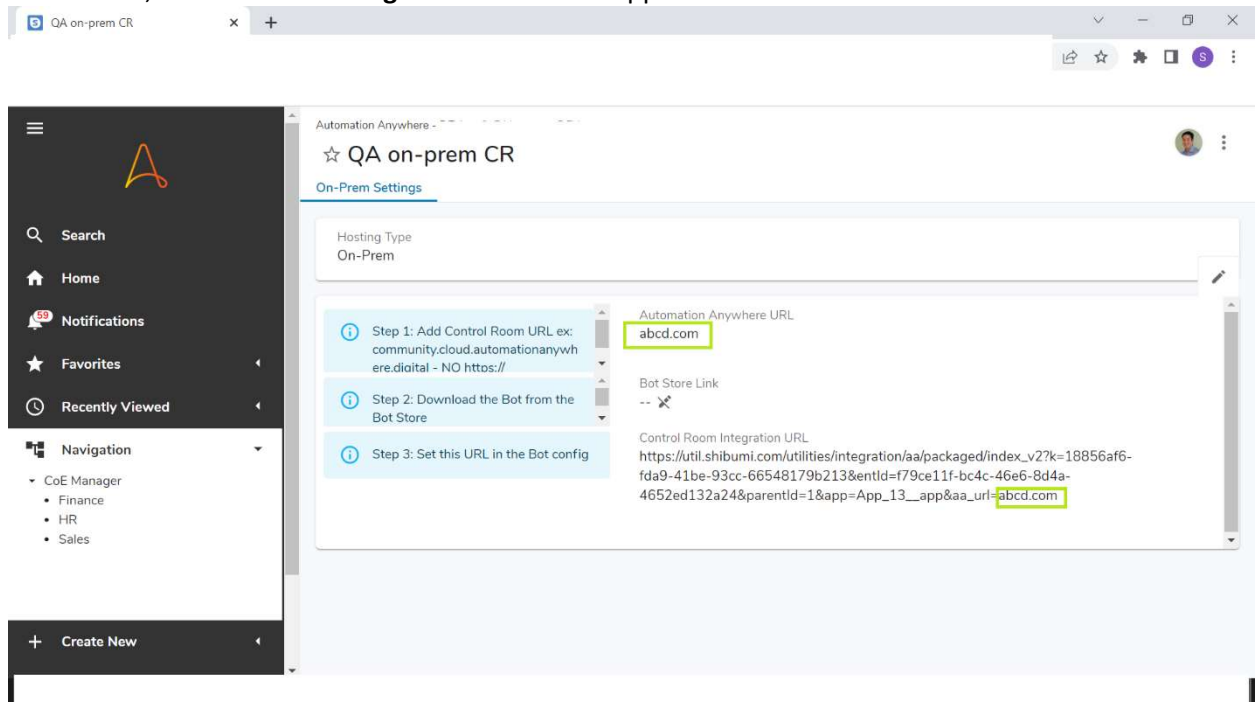
1. Login to CoE-Manager
2. Traverse to Admin Tech Tab



3. Add an instance of On-Prem CR



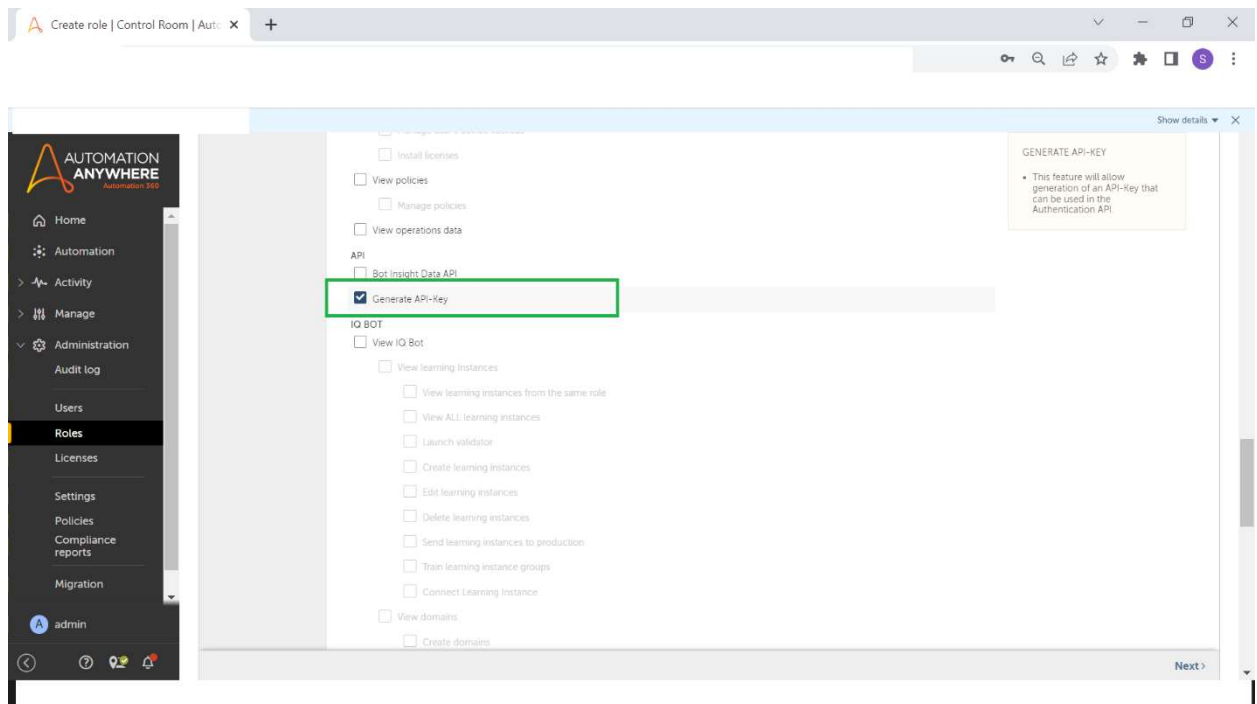
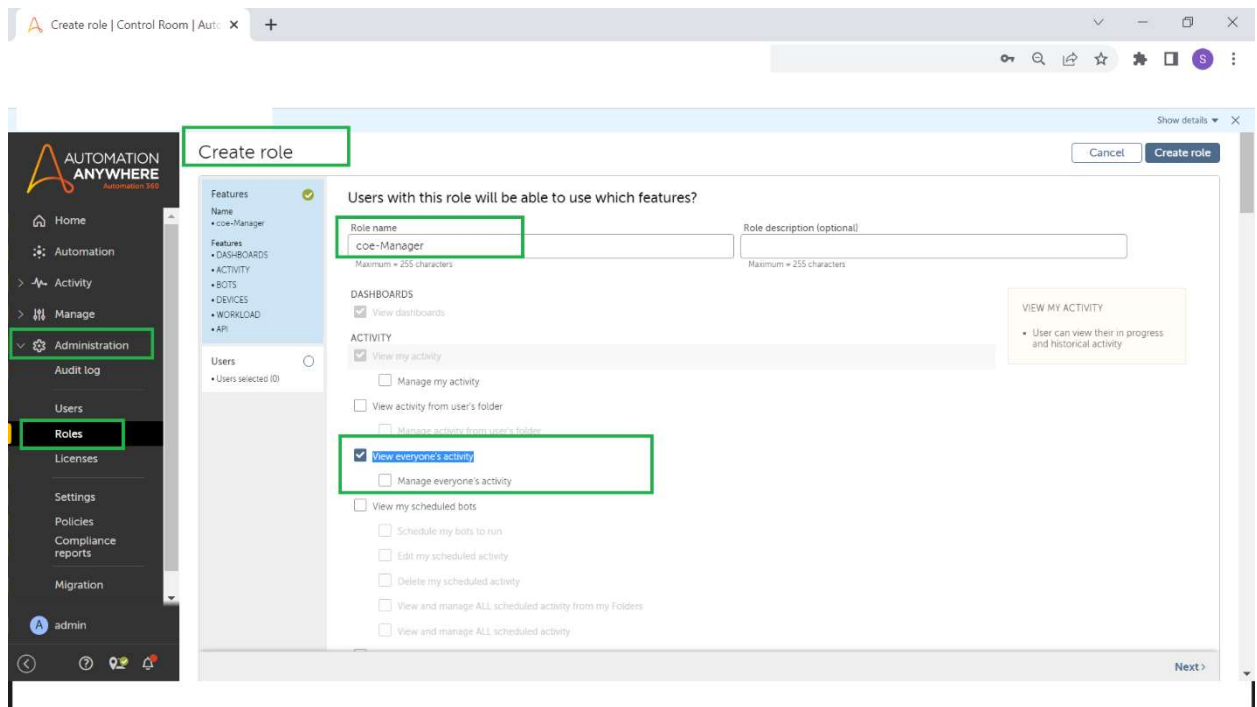
4. Enter the On Prem CR url. Do not include the header e.g. http:// or https:// (see example below)
Once saved, **Control Room Integration URL** would appear with the domain name at the end.



5. Copy this “**Control Room Integration URL**” and keep it to be used as an input to the on-prem bot

3.1.4 CR setup to prepare for On-Prem bot Execution

1. Login to Control Room as administrator
2. In Left Navigation, Go to Administration → Roles.
3. Create a new Role with following 2 check boxes ticked:
 - a. View everyone's activity.
 - b. Generate API-Key



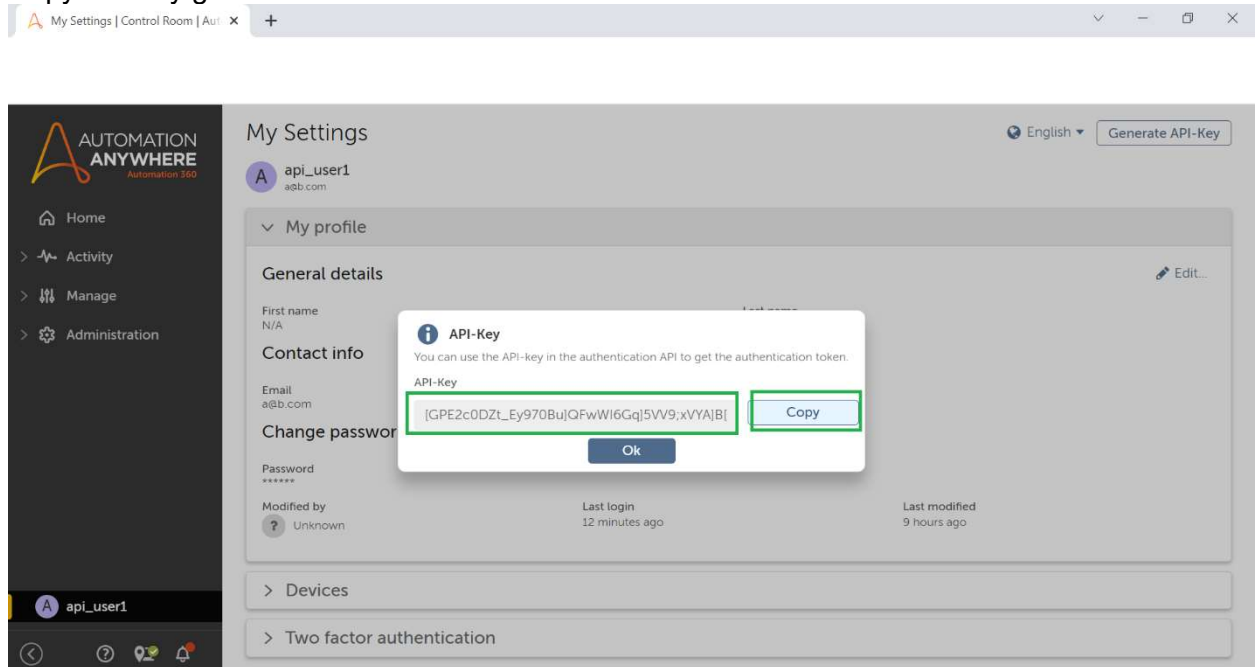
- Next create a user with the Role created in Step 3. This user would be referenced as API KEY USER ID
- Login to CR with the user created in Step 4 (API KEY USER ID)

6. Click on the User Profile Link → Settings

The screenshot shows the Automation Anywhere dashboard. On the left sidebar, the user profile icon for 'api_user1' is highlighted with a green box. A 'My metrics' popup is open, showing the user's name, email, last login, and a 'My settings' link which is also highlighted with a green box. The main dashboard area includes sections for 'Insights', 'AARI', and 'My metrics' with various charts and statistics.

The screenshot shows the 'My Settings' page. The 'Generate API-Key' button is highlighted with a green box. A confirmation dialog titled 'API-Key' is displayed, asking if the user wants to continue with generating a new API key. The 'Yes' button in the dialog is highlighted with a green box. The settings page includes sections for 'My profile', 'General details', 'Contact info', 'Change password', 'Devices', and 'Two factor authentication'.

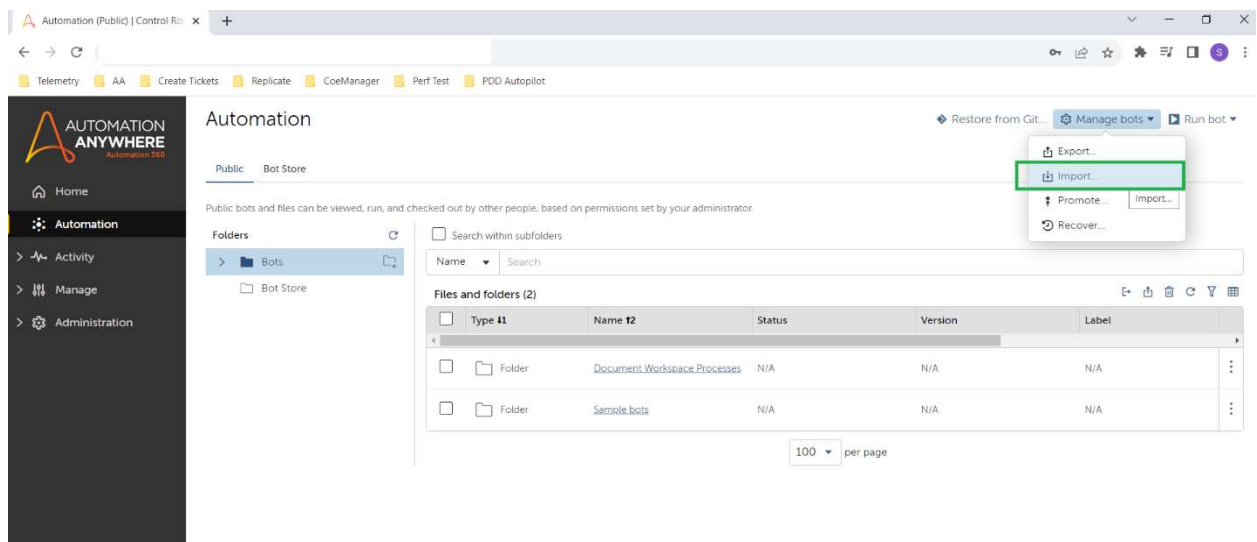
7. Copy the Key generated. This would be called as API KEY



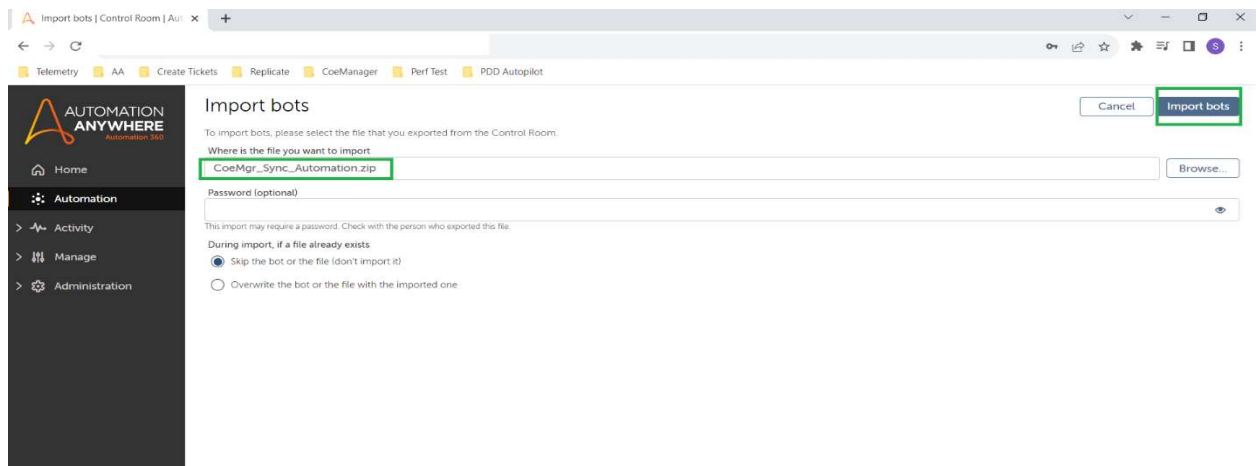
8. API key should not have backslash i.e., “\” in the generated key. In case it's present then keep trying to regenerate until you see an API Key without the backslash.

9. Next, we will login as an Admin or Unattended Bot Runner to import the bot provided.

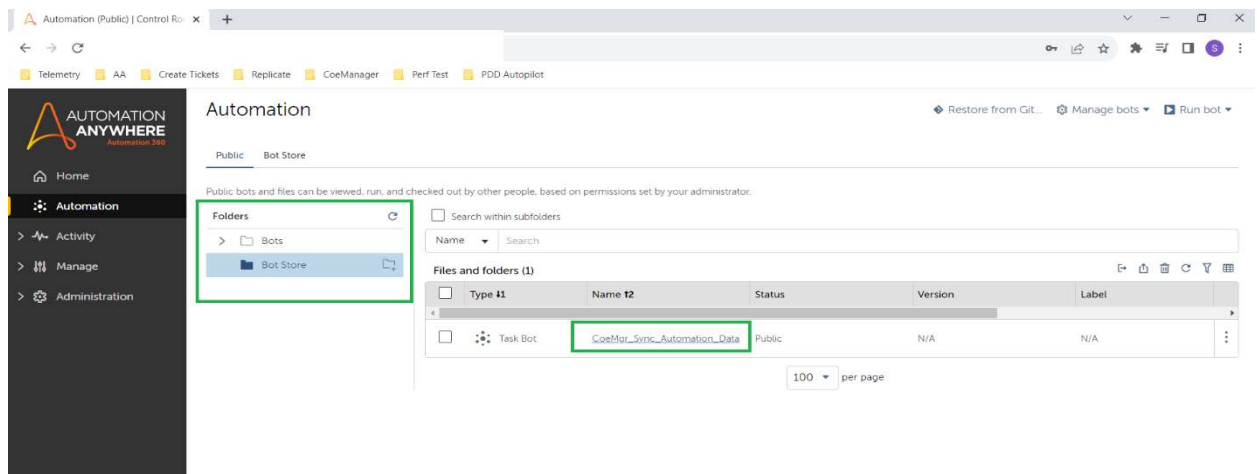
10. Go to Left Navigation → Automation → Import Bots



11. Find the bot which you have downloaded from Bot Store and import the bot:



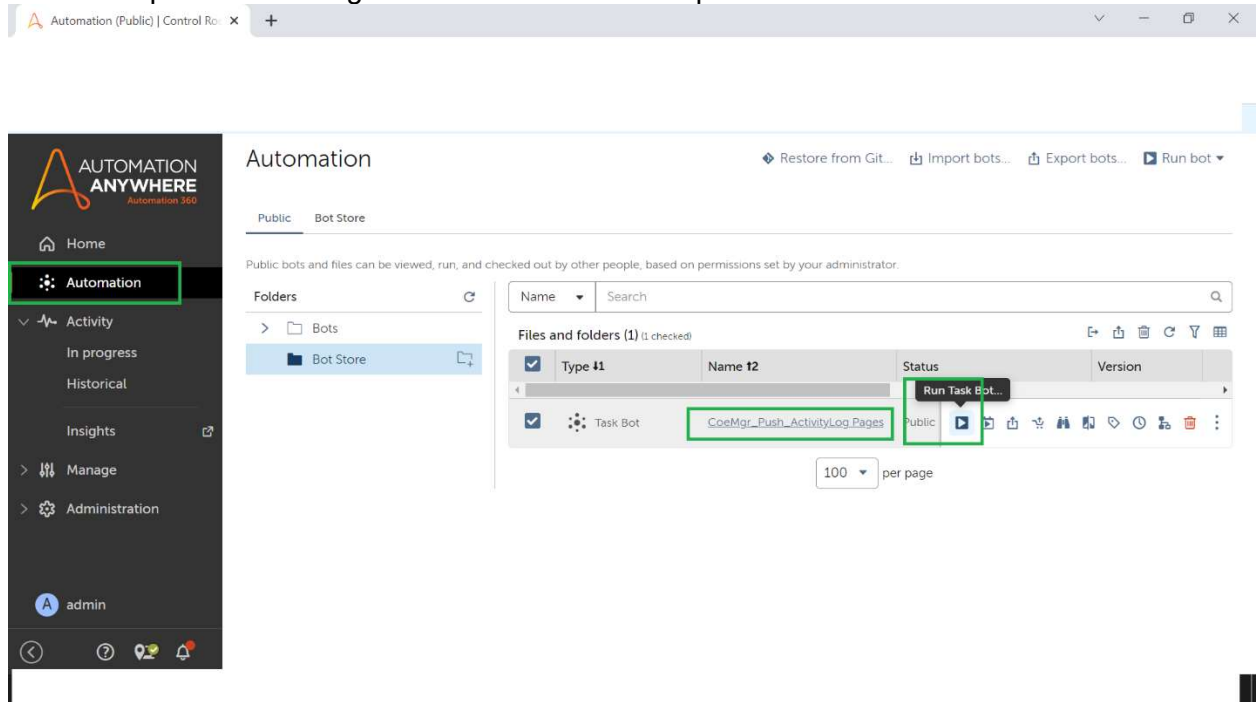
12. Once imported it should show up under Bot→Bot Store folder



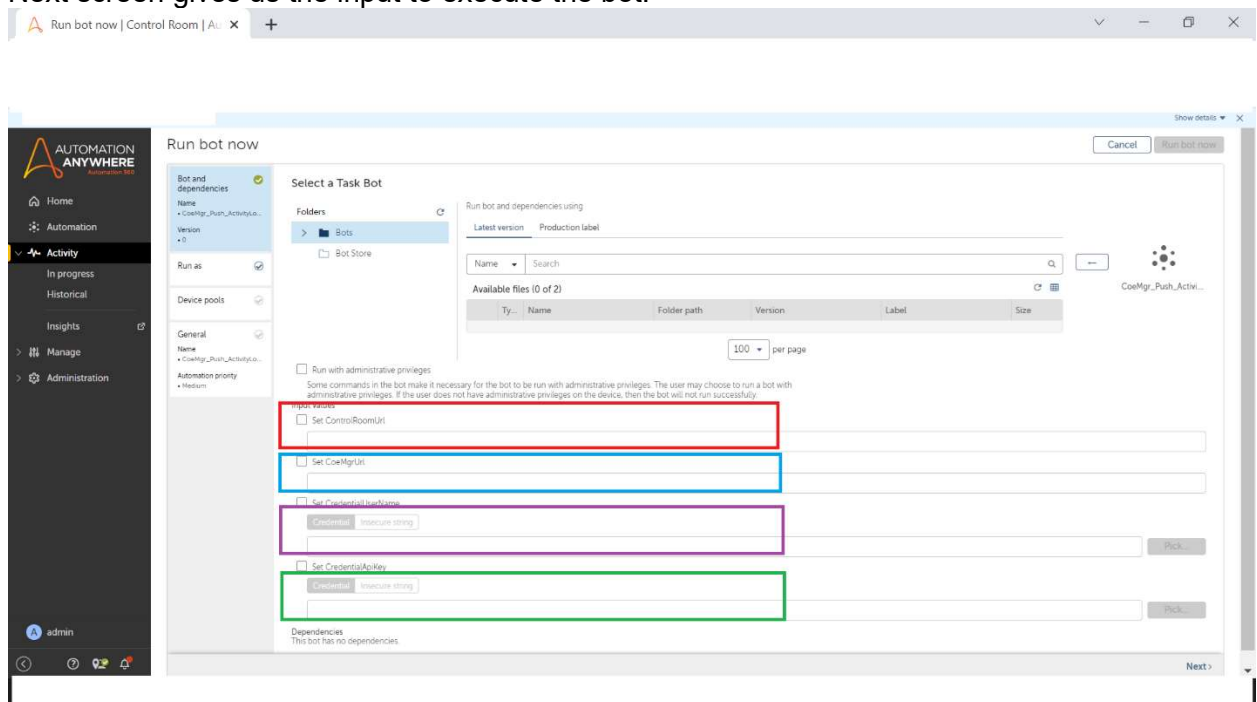
13. Next step would be to run the Bot. Pre-requisites to run the Bot are as follows:

- Control Room URL**. This is the URL from where we would run the bot and for which we would be sending the data.
- Control Room Integration URL**. This is the URL which we collected from Coe-Manager in the first section.
- API KEY USER ID**. This is the user Id which we used in the earlier sections to generate API KEY.
 - In case the on-prem setup is created using Active Directory then username would be appended by the domain name in the following format:
"domain\\ API KEY USER ID "
- API KEY**. This is the Key generated and collected for the **API KEY USER ID**

14. Run the imported Bot using the Run Task Bot button provided



15. Next screen gives us the input to execute the bot.



16. Update the input variables with the details as mentioned in step 12.

Run bot now | Control Room | Automation Anywhere

Run bot now

Bot and dependencies

Name: CoeMgrr_Push_Activity...
Version: v1.0

Run as: [Select]

Device pools: [Select]

General

Name: CoeMgrr_Push_Activity...
Automation priority: Medium

Select a Task Bot

Folders: [Bots] [Bot Store]

Run bot and dependencies using: Latest version | Production label

Name: [Search] [Go]

Available files (0 of 2)

Type	Name	Folder path	Version	Label	Size

100 per page

☐ Run with administrative privileges

Some commands in the bot make it necessary for the bot to be run with administrative privileges. The user may choose to run a bot with administrative privileges. If the user does not have administrative privileges on the device, then the bot will not run successfully.

Input values

☒ Set ControlRoomUrl:

☒ Set CoeMgrrUrl:

☒ Set CredentialUserName:

☒ Set CredentialApiKey:

Dependencies: This bot has no dependencies.

Next

17. Set Run As

Run bot now | Control Room | Automation Anywhere

Run bot now

Bot and dependencies

Name: CoeMgrr_Push_Activity...
Version: v1.0

Run as: Run As selected (1)

Device pools: [Select]

General

Name: CoeMgrr_Push_Activity...
Automation priority: Medium

Bot runners

If a selected 'Run-as user' does not have a bot running device, a device pool must be selected on the next tab to continue.

Search: [Search]

Available bot runners (0)

Username	Device	Status

Define number of bot runners to use: Custom number of bot runners

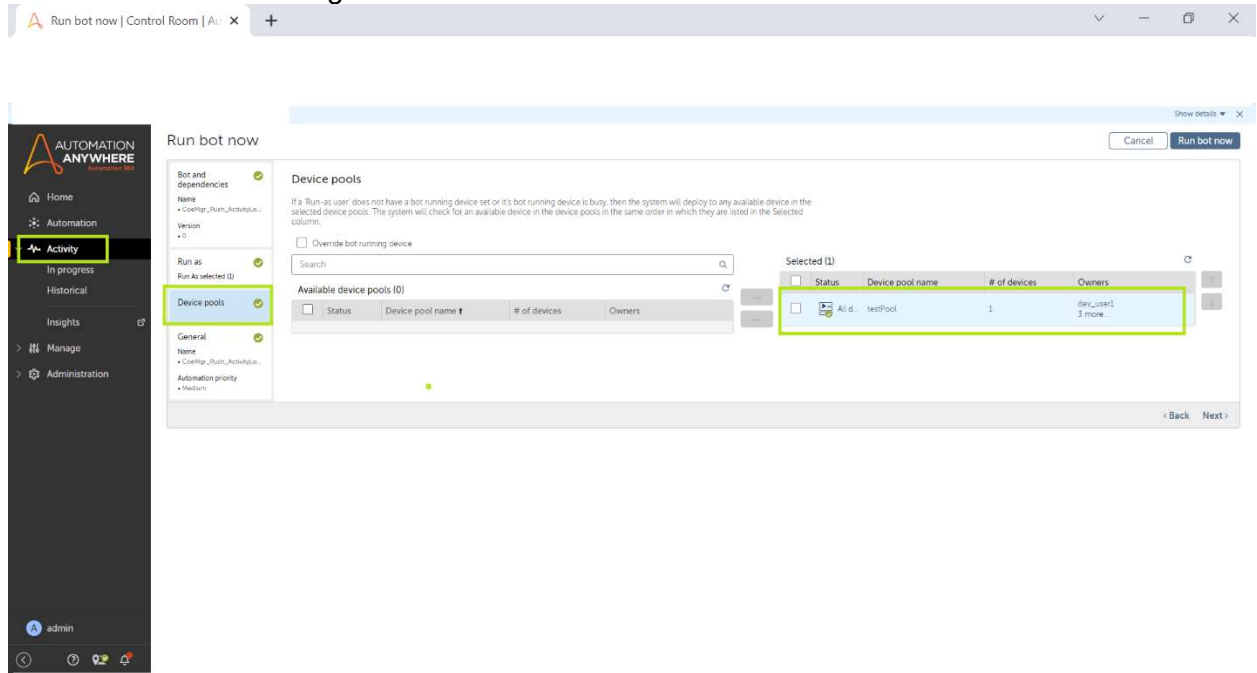
Select the number of users you want to use as bot runners while running the schedule.

Selected (1)

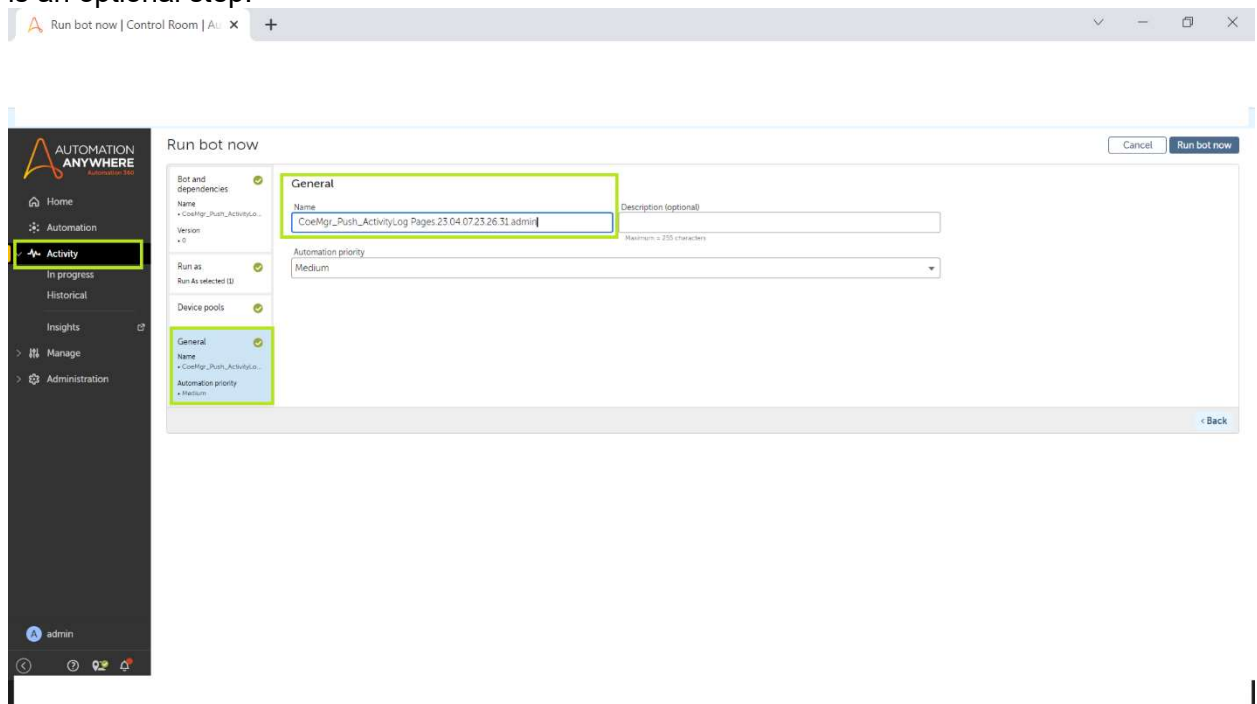
Username	Device	Status
botur_user1	Picked at run time	Autologin set

Back Next

18. Select the Device Pool against which we want to execute



19. The last step would be to update the name of Bot as to be shown while executing. This is an optional step.



20. Next step would be bot Execution

The screenshot displays the 'In progress activity' page in the Automation Anywhere Control Room. A notification at the top right states 'CoEMgr_Push_ActivityLog Page successfully started'. Below this, a table shows the activity details:

Status	Item name	Automation priority	Progress	Current action	Bot	Activity type	Started on	Device	Username
Queued	CoEMgr_Push_ActivityLog Page	Medium	0% Line 0 of 0	Waiting for user: botur...	CoEMgr_Push_Activity...	Run Bot	N/A	Picked at run time	botur...

The left sidebar contains navigation options: Home, Automation, Activity (selected), In progress, Historical, Insights, Manage, and Administration. The user 'admin' is logged in.

21. Next step the bot execution would complete, and the ROI would be available in the CoE-Manager

4. Support & 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 Automation 360](#).

4.2 FAQs

For questions relating to Enterprise Automation 360: See the [Enterprise Automation 360 FAQs](#).

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
1	1.0.0	10/22/2022	Stefan Karsten	Initial version
2	1.0.1	04/07/2023	Saikat Sarkar	Added steps for execution
3	1.0.2	05/02/2023	Saikat Sarkar	Added requisite AA On-Prem version Added API Username usage in case of Active Directory Added API Key usage in case of / as part of generated Key
4	1.0.3	08/22/2023	Saikat Sarkar	Updating New Automation Name

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise Automation 360	Click here
2	Guidance: Building basic Automation 360 bots	Click here
3	Guidance: Building Automation 360 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here