

COVID19 HealthChecker

Charles Kim

hyungsoo.kim@uipath.com

Hoang Duong

hoang.duong@uipath.com

Raon Lee

raon.lee@uipath.com



Release notes

History

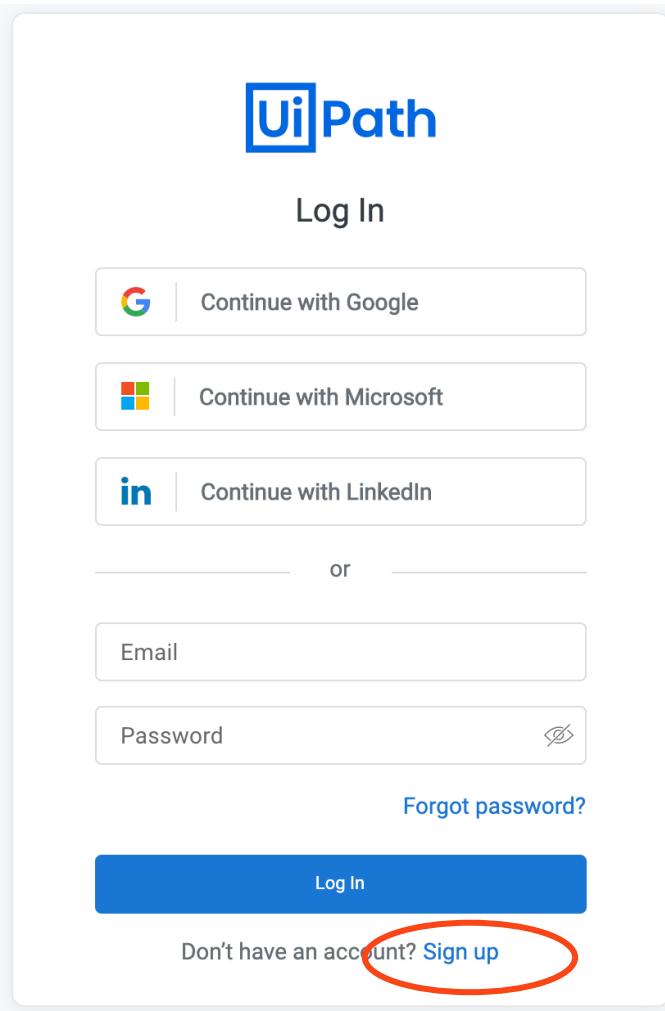
Date	Changes	Author
2020.3.4	Initial	Charles Kim
2020.3.4	Add required but missing item (COVID19_KakaoTalkQueue) Add guide for disable popup when kakaotalk exits Fix bug regarding to very first login on Microsoft Forms	Charles Kim
2020.3.6	Rename and match package version with github release version Remove Excel dependency, add newline formatting guide and add sent date column on address book. Add Community orchestrator information and guide for on-boarding new tenant.	Charles Kim
2020.3.6	Fix wrong name COVID19 as COVID19. Bug fix on adding sent date on address book column.	Charles Kim
2020.3.18	Add process registration guide	Charles Kim
2020.3.25	Add preparation sections for EN locale and using WhatsappWeb messenger Add full list of required Assets Rearrange the Deployment Guide section	Hoang Duong

How to on-board UiPath Community Orchestrator

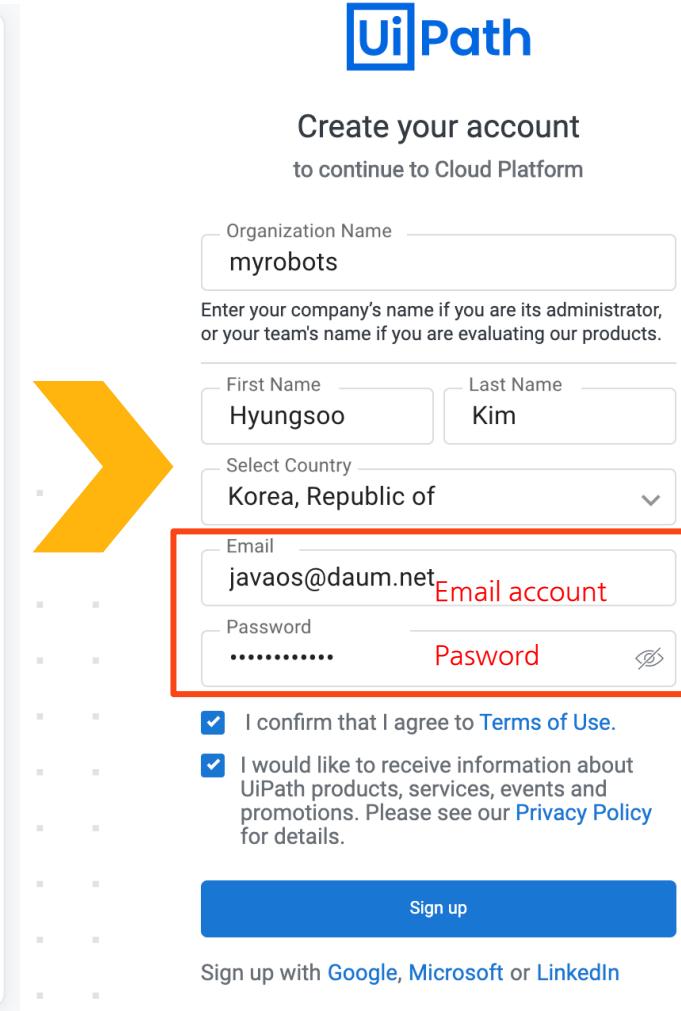


Guide for UiPath Cloud Platform

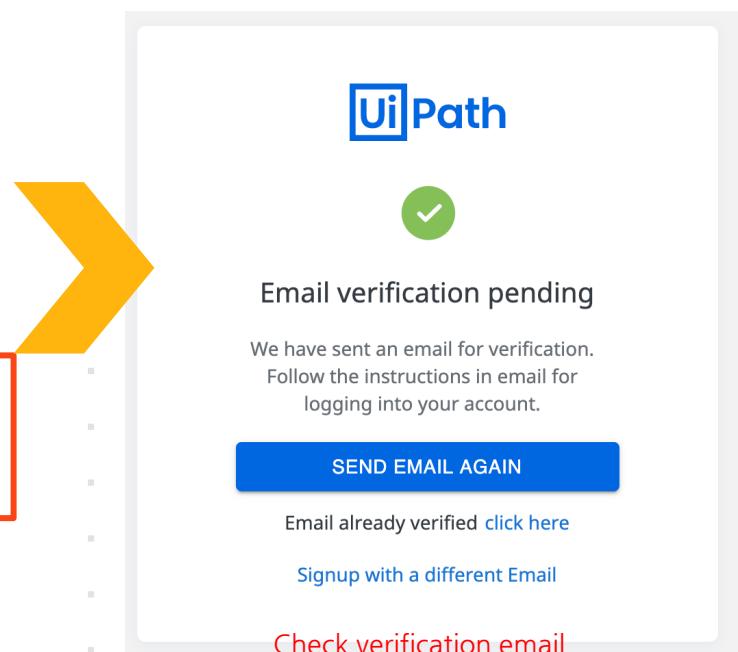
Signup new tenant on cloud.uipath.co



The screenshot shows the 'Log In' page of the UiPath Cloud Platform. It features three social login options: 'Continue with Google', 'Continue with Microsoft', and 'Continue with LinkedIn'. Below these is a 'or' separator, followed by fields for 'Email' and 'Password'. A 'Forgot password?' link is located below the password field. At the bottom is a large blue 'Log In' button. Below the button, the text 'Don't have an account? [Sign up](#)' is displayed, with the 'Sign up' link circled in red.



The screenshot shows the 'Create your account' page. It starts with the 'UiPath' logo and the text 'Create your account to continue to Cloud Platform'. The 'Organization Name' field contains 'myrobots'. Below it, a note says 'Enter your company's name if you are its administrator, or your team's name if you are evaluating our products.' The 'First Name' field has 'Hyungsoo' and the 'Last Name' field has 'Kim'. The 'Select Country' dropdown is set to 'Korea, Republic of'. The 'Email' field contains 'javaos@daum.net' with the note 'Email account' in red. The 'Password' field is filled with dots. Two checkboxes at the bottom are checked: 'I confirm that I agree to [Terms of Use](#)' and 'I would like to receive information about UiPath products, services, events and promotions. Please see our [Privacy Policy](#) for details.' A large orange arrow points from the left side of this page towards the right side.



The screenshot shows the 'Email verification pending' page. It features a green checkmark icon and the text 'Email verification pending'. It states 'We have sent an email for verification. Follow the instructions in email for logging into your account.' Below this are two buttons: 'SEND EMAIL AGAIN' and 'Email already verified [click here](#)'. Further down are links for 'Signup with a different Email' and 'Check verification email from given email account'. A large orange arrow points from the right side of the previous page towards this one.

Connect Robot

Prepare computer resource and install robot

Start designing your workflows

Begin by building your automation project in Studio, our complete solution for application integration. [Learn more](#)



[Download Studio \(Community Preview\)](#)

Looking for Enterprise Edition, [click here](#)

download Community Studio

Connect your first Robot

The Robot is UiPath's execution agent that enables you to run workflows built in Studio. [Learn more](#)



[Learn how to connect](#)

Looking to deploy Robots in Cloud ([Azure](#))

Video which shows how to connect reboot to Orchestrator on community edition.

Robot PC

UiPath Studio & Robot install

Created Orchestrator

Create machine

Robot PC

connect robot to orchestrator

Created Orchestrator

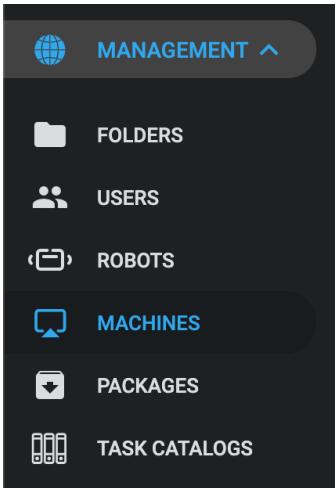
Upload package

create Assets & Queue

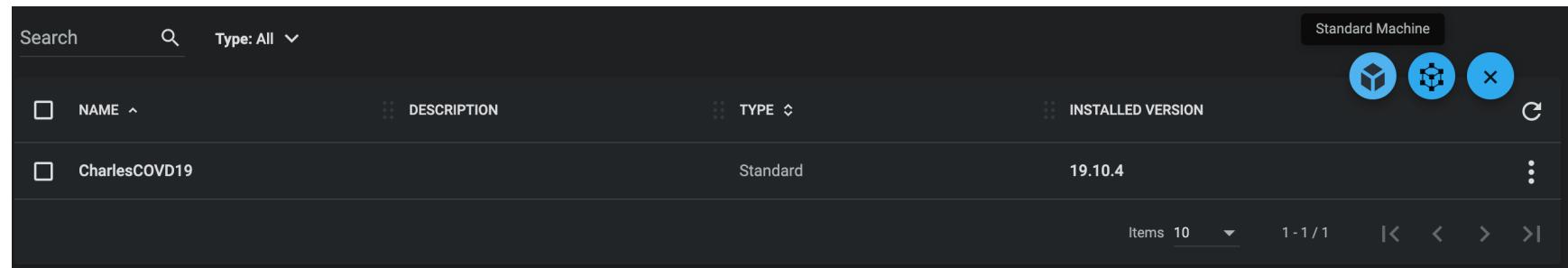
Create Machine and Robot

Create new Machine

1. Click Machine



2. Choose standard



3. Add computer name



디바이스 사양

Setting > System > Information

디바이스 이름	CharlesCOVID19
프로세서	Intel(R) Xeon(R) Platinum 8171M CPU @ 2.60GHz 2.10 GHz
설치된 RAM	8.00GB
디바이스 ID	374CF74A-24CF-42DB-94DA-0D53BCDAD6C7
제품 ID	00331-10000-00001-AA175
시스템 종류	64비트 운영 체제, x64 기반 프로세서
펜 및 터치	이 디스플레이에 사용할 수 있는 펜 또는 터치식 입력이 없습니다.

Create Machine & Robot

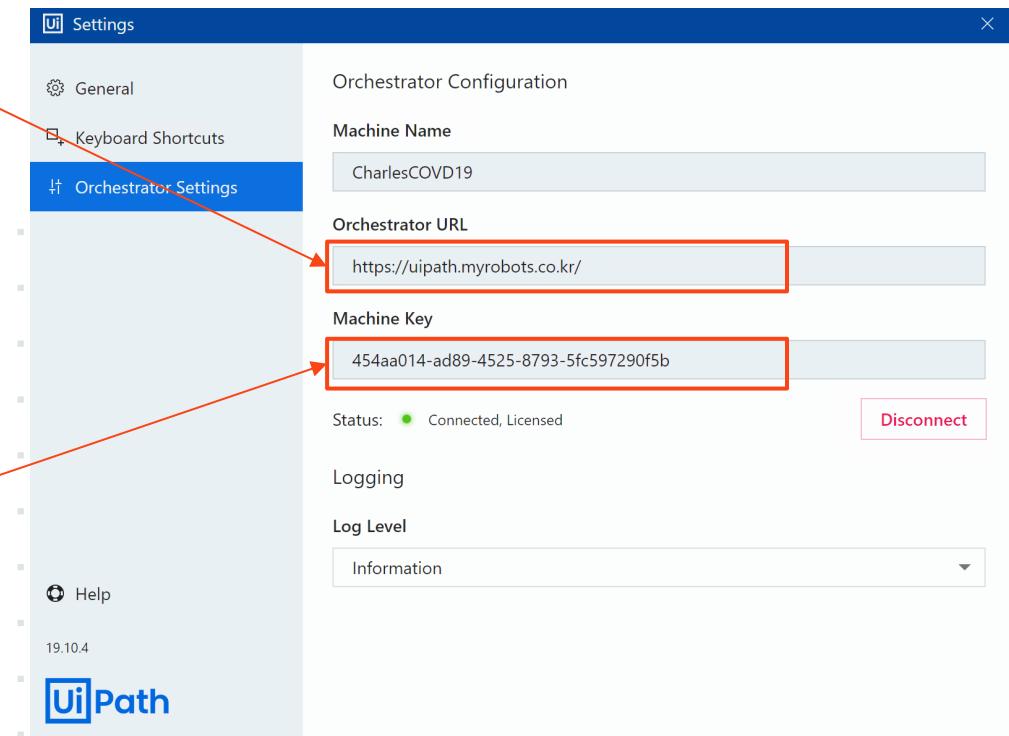
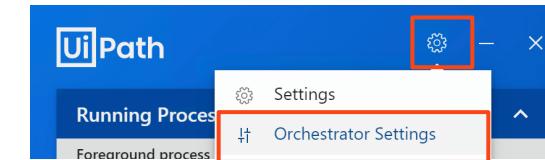
Robot Desktop Agent

Orchestrator URL on next page

Copy machine key from created machine

NAME ^	DESCRIPTION	TYPE ^	INSTALLED VERSION	C	⋮
CharlesCOVID19		Standard	No Robots		

UiPath Agent Desktop Run



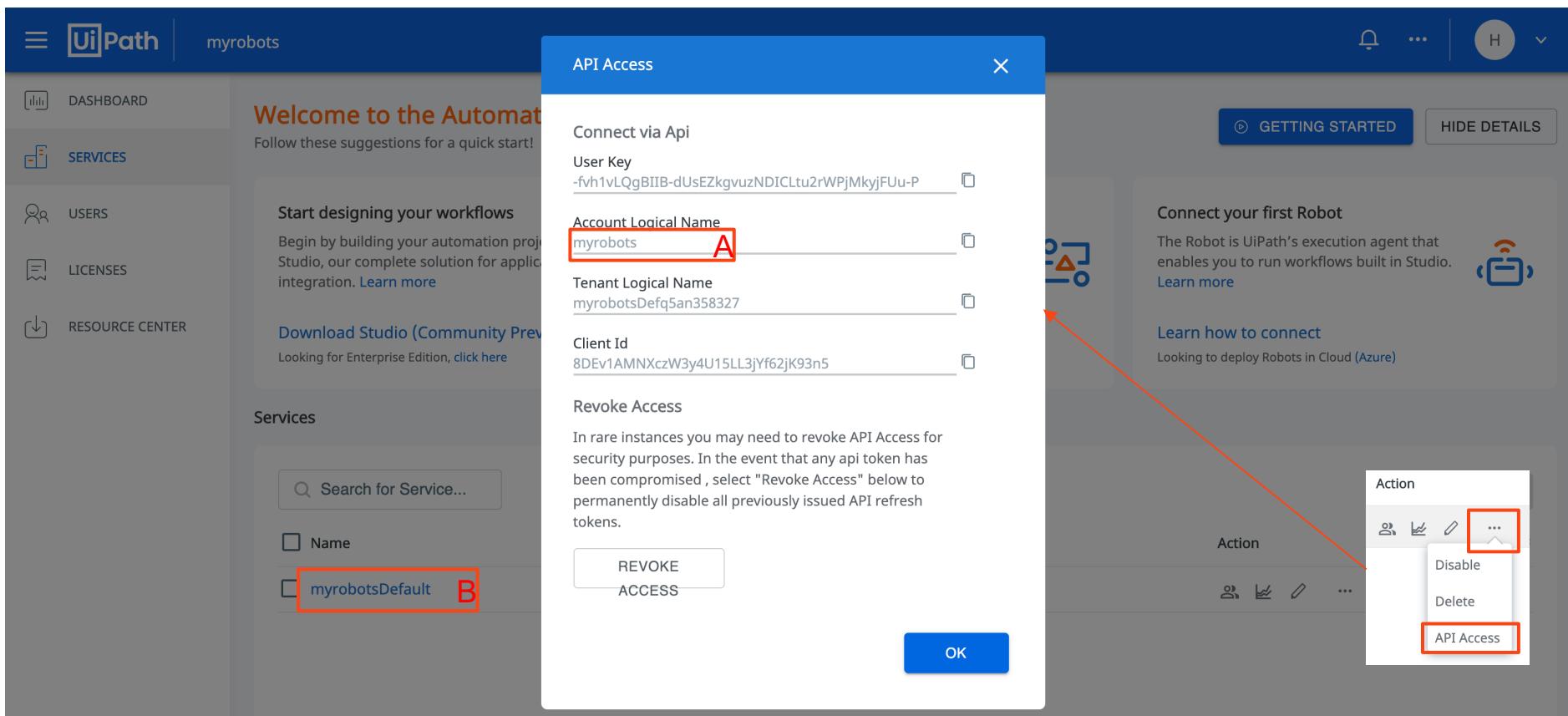
Orchestrator Access Information

Login in create new tenant

Choose Services tab ... Click Option > API Access, check and see Account Logical Name

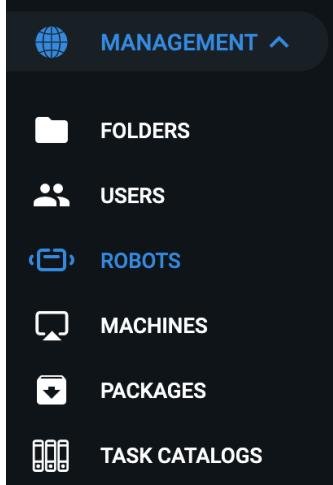
Your created Orchestrator URL looks like <https://cloud.uipath.com/{A}/{B}>

For my examples <https://cloud.uipath.com/myrobots/myrobotsDefault/>

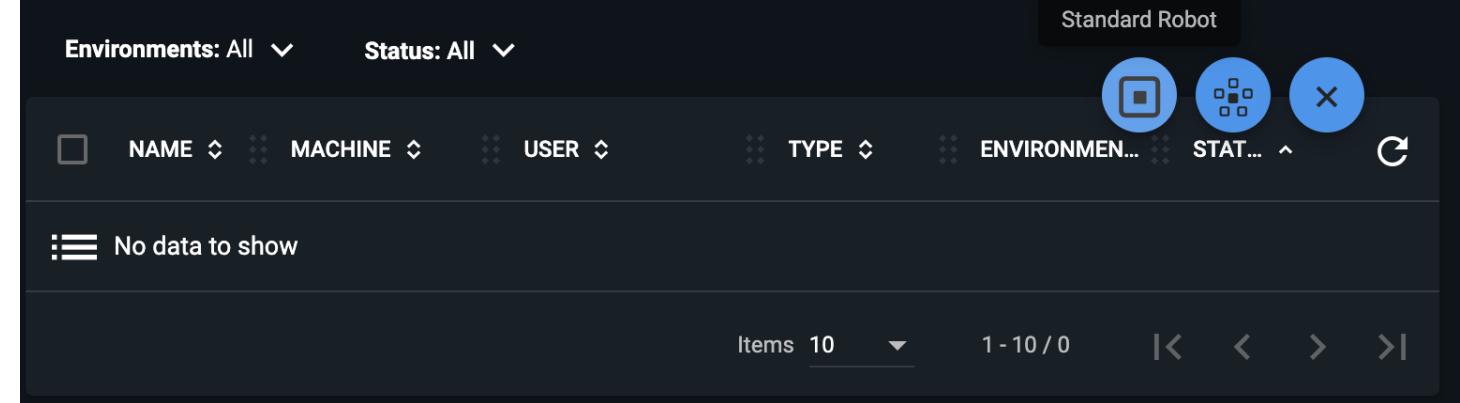


Create Robot and Connect to Orchestrator

1. Choose Robots



2. Choose Standard Robot



The screenshot shows a search interface for 'Standard Robot'. It includes filters for Environments (All), Status (All), NAME, MACHINE, USER, TYPE, and ENVIRONMEN... (partial view). The results table displays a single row: 'No data to show'. Pagination at the bottom shows 'Items 10' and '1 - 10 / 0'.

Create Robot and Connect to Orchestrator

DESCRIPTION	SETTINGS
Create a new standard robot Creating a standard robot allows it to work on a single standard machine.	
Machine* <input type="text" value="CharlesCOVID19"/>	
Name* <input type="text" value="COVID19Robot"/>	
Description	
Type* <input type="text" value="Unattended"/>	
Credential Store* Orchestrator Database	
Domain\Username* <input type="text" value="charlescovid19\uipathadmin"/>	
Password <input type="password" value="*****"/>	
<input type="checkbox"/> The password represents a SmartCard Pin	
<input type="checkbox"/> Create another	CANCEL CREATE

Choose created machine

Type in your robot name

Choose robot type

Type into value from
C:\> whoami

Password

DESCRIPTION	SETTINGS
Logging Level Information	<input checked="" type="checkbox"/>
Allow Development Logging <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>
Login To Console <input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="checkbox"/>
Resolution Width* 1920	<input checked="" type="checkbox"/>
Resolution Height* 1080	<input checked="" type="checkbox"/>
Resolution Depth* 32	<input checked="" type="checkbox"/>
Font Smoothing <input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/>
Auto Download Processes <input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/>
<input type="checkbox"/> Create another	CANCEL CREATE

Update setting like this

COVID19 Health Checker Process Deployment Guide



COVID19 HealthChecker Architecture

Overview

Orchestrator required

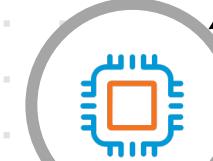
(create new tenant on <https://cloud.uipath.com>)



Survey
(Microsoft or Google account required)



- Create survey for COVID19
- Download survey result



Robot (Win10)

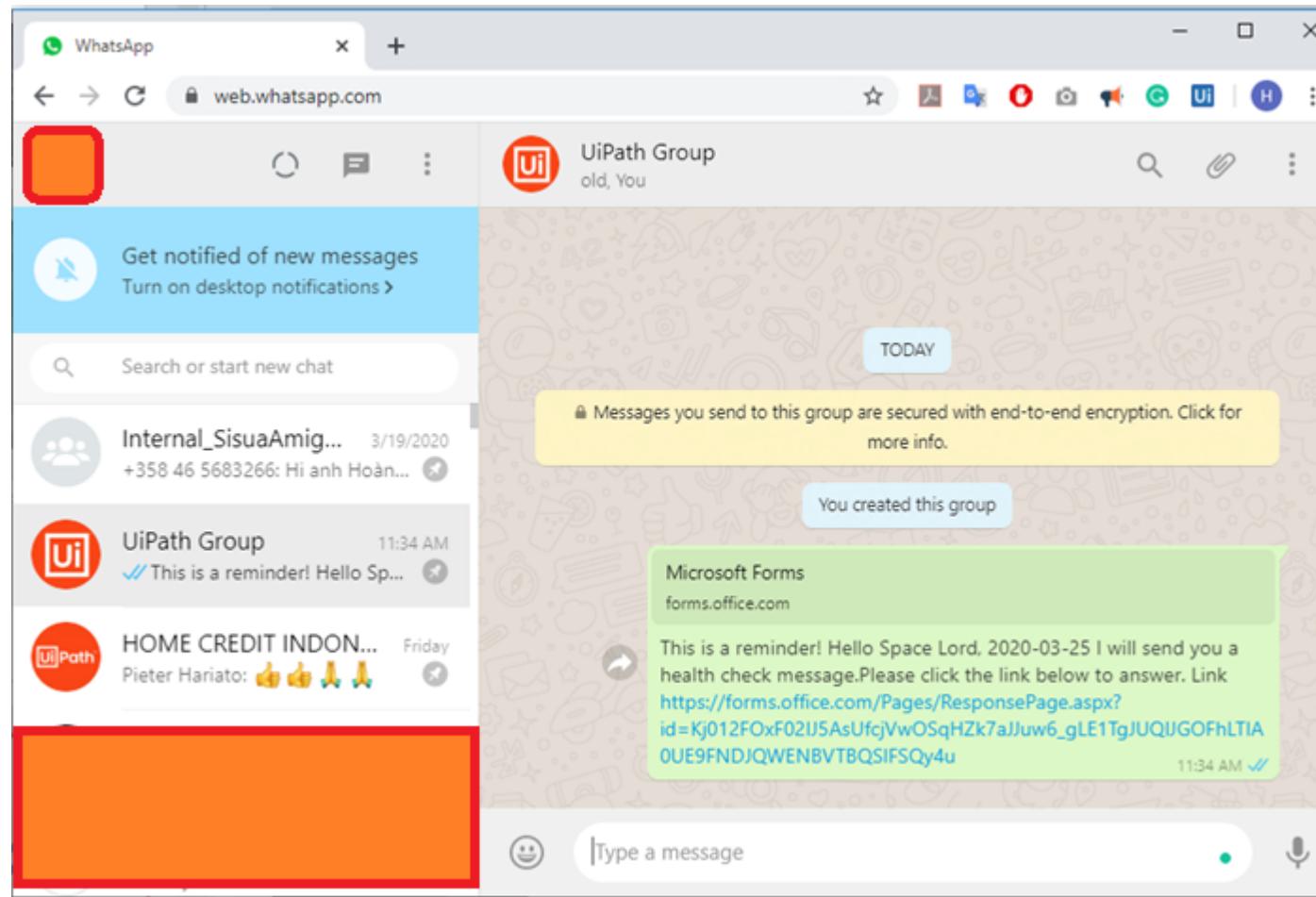


Messenger of choice

To send message and notify employee via mobile number, email or userid

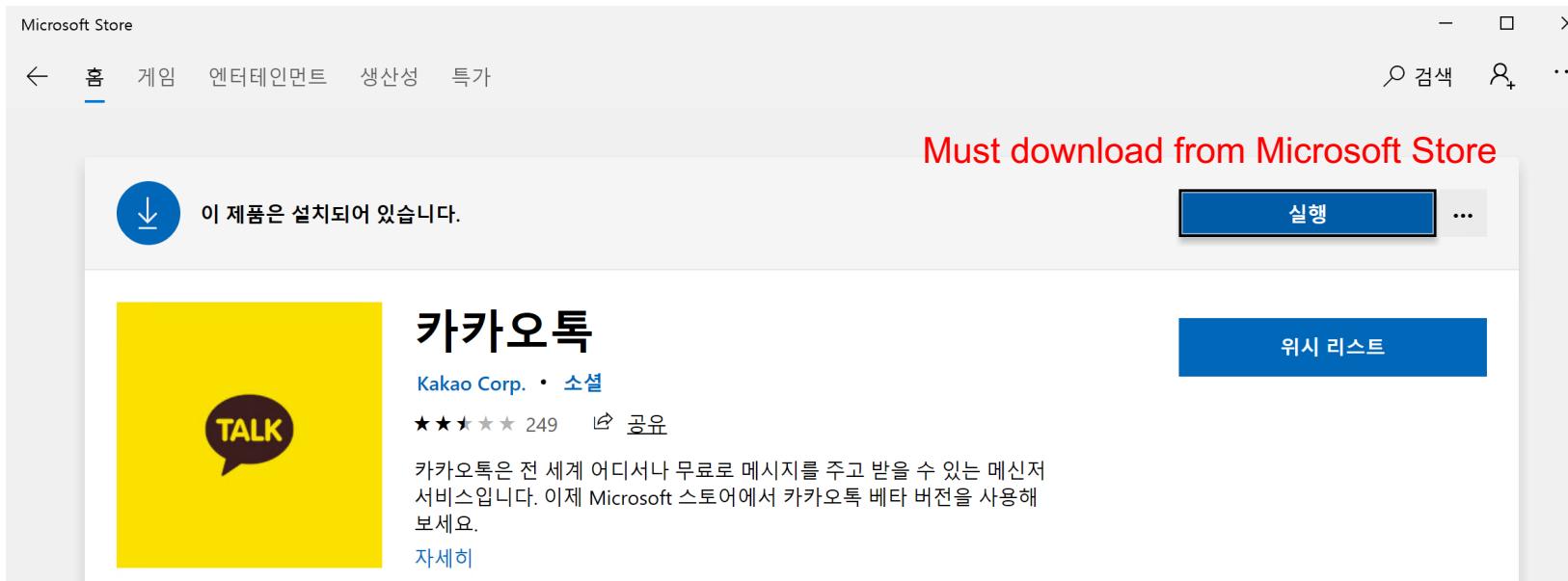
Preparation (when using WhatsappWeb)

Logged in whatsapp account which can send message to given phone number(s)



Preparation (when using KakaoTalk)

KakaoTalk installation and Allow PC access



1. Disable popup message on exit (required)

Preparation (for EN locale)

On robot machine, create Addressbook.xlsx to store all employees contact information as below format.

Save this file in a specific location to use it when configure the process
(i.e. %USERPROFILE%\Documents\Addressbook.xlsx)

Preparation (for EN locale)

Create your screening survey on Microsoft form and make sure it contains question **Employee Email**

This field will be used to detect who responded from the Addressbook file.

Add other questions as your need

1. Employee Email *

space.lord@theavengers.com

A	B	C	D	E	
1	Name	PhoneNumber	Employee Email	ID	Status
2	Iron Man	999999999	iron.man@theavengers.com		
3	Space Lord	84866860812	space.lord@theavengers.com		
4	Captain Avenger	971505491986	captain.avenger@theavengers.com		
5	Captain America	0111111111	captain.america@theavengers.com		
6	Super Man	0123456789	super.man@theavengers.com		
7	Spider Man	987654321	spider.man@theavengers.com		
8					
9					

Health Screening Form for Employee/Guest entering to UiPath Office (Copy) - Saved

Questions Responses 1

Health Screening Form for Employee/Guest entering to UiPath Office (Copy)

With the occurrence of local cases of Novel Coronavirus, all employees/guests entering the UiPath office should do a temperature screening. Please fill out this form for our records. This form is a precautionary action to detect any case or symptoms of the coronavirus (such as fever) to prevent the spreading of the virus and to ensure the health and safety of employees. The company may deny access to the office for employees/guests who do not comply with such a requirement.

Section 1

1. Employee Email *

Enter your answer

2. Work arrangement *

Work from home
 Work from office
 Customer site
 Others

Date of access to the Office

Please input date in format of M/d/yyyy

4. UIPath Office Location *

Singapore
 Thailand
 Malaysia
 Hong Kong
 Beijing
 Shenzhen
 Shanghai
 Other

5. Do you have any respiratory symptoms (cough, shortness of breath, runny nose, sore throat)? *

No
 Yes. Please do not enter the office and go to see a doctor instead.

6. Have you been in contact with any persons confirmed with Novel Coronavirus? *

No
 Yes

Preparation (for KO locale)

On robot machine, create Addressbook.xlsx to store all employees contact information as below format.

A	B	C	D	E
Name	PhoneNumber	ID	Status	
Don Jone	01012349992			
Jane	01011149921			

Column name important.

- At first please let blank on Status column.
- Please make sure PhoneNumber without space, hypon and no country code.
- Every day new column (yyyy-MM-dd) will be added.

Save this file in a specific location to use it when configure the process
(i.e. **%USERPROFILE%\Documents\Addressbook.xlsx**)

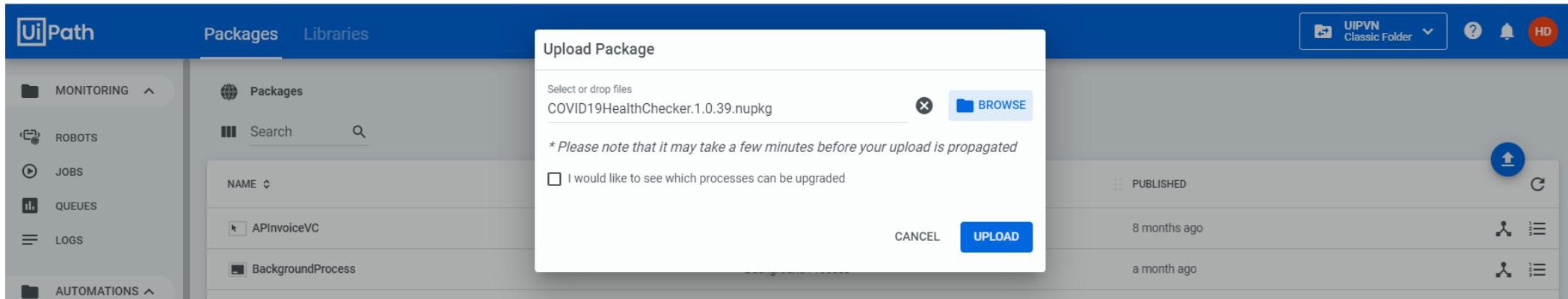
Deployment Guide

1. Deploy package to Orchestrator
 - a. Upload given .nupkg file
 - b. Publish from Studio
2. Define required Assets
3. Create Queue
4. Create Process
5. Create Schedule and configure parameter
 - a. Schedule for sending message every morning at 8 am
 - b. Schedule for checking response every hours from 9-15

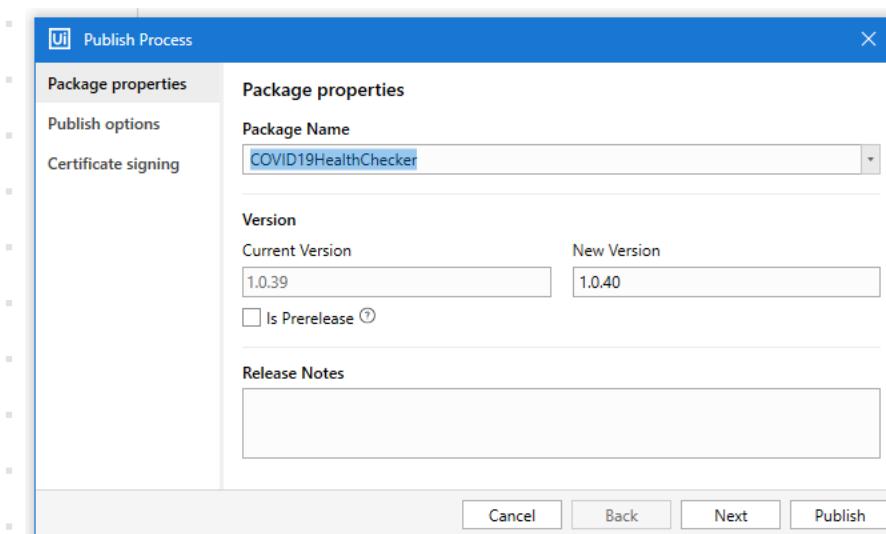
Deployment Guide

1. Deploy package to orchestrator

a. Upload given .nupkg file



b. Publish from Studio



Deployment Guide

2. Define required assets

NAME	DESCRIP...	TYPE	VALUE
COVID19_Addressbook		Text	[Value per robot]
COVID19_CheckIntervalHour		Text	24
COVID19_Locale		Text	en
COVID19_NotiMessageFormat	{0} name, {1} to...	Text	Hello. {0}, {3} {1} I will send you a health check mes...
COVID19_ProgressMessageFormat		Text	[COVID19] {0}, {1} response request messages have...
COVID19_ProgressNotifyNumbers		Text	+84 [REDACTED]
COVID19_RemindMessageFormat	{0} name, {1} to...	Text	This is a reminder! Hello {0}, {1} I will send you a he...
COVID19_ReportUrl		Text	https://forms.office.com/Pages/DesignPage.aspx#...
COVID19_SurveyLink		Text	https://forms.office.com/Pages/ResponsePage.aspx...
COVID19_SurveySite		Text	Forms

- Message template has some parameters.
- {0} => Employee Name,
- {1} => Date of message sent
- {2} => Survey url
- {3} => newline

Sample

Hi. {0},{3}Here is health check message on {1}.{3}Please click below link and answer it.{3}Survey Link {2}

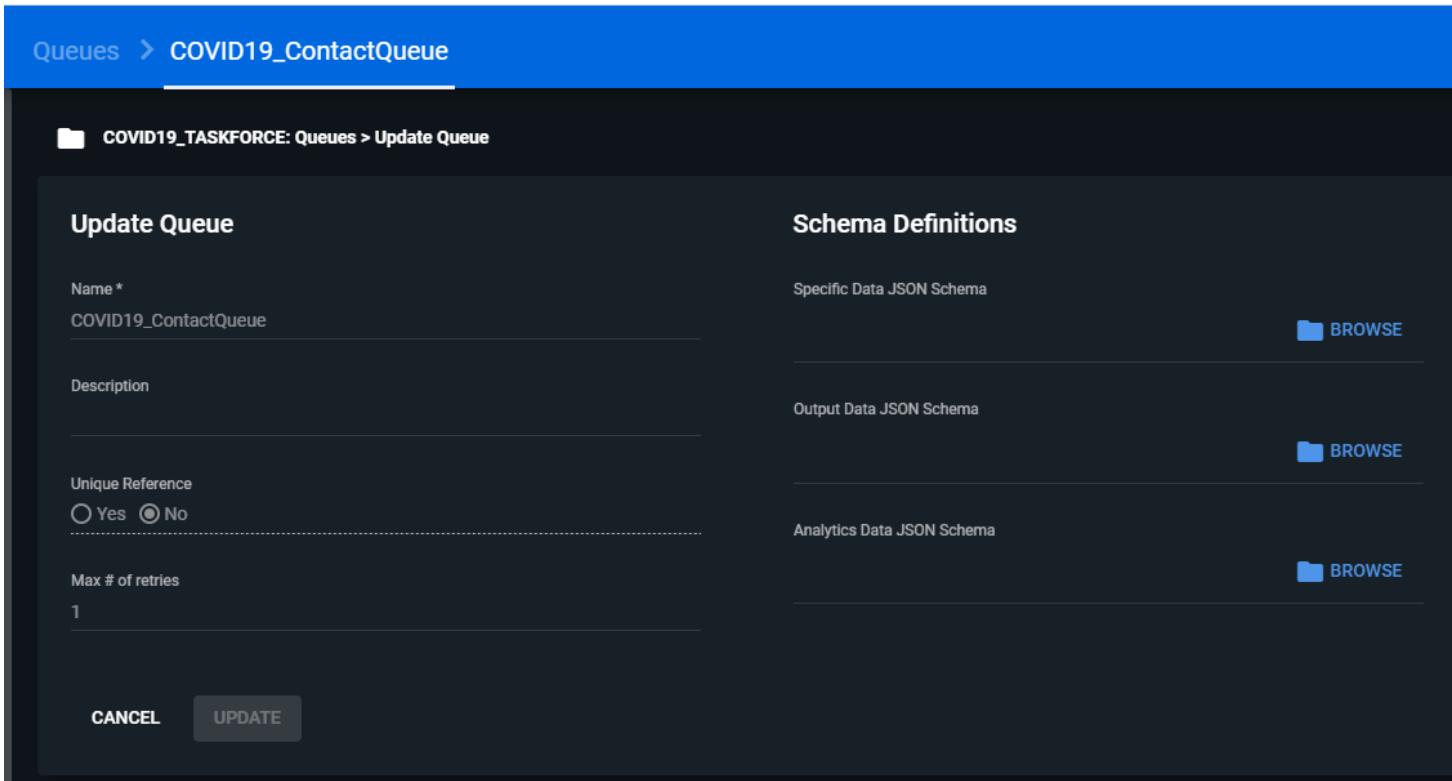
List of required assets and sample value



Microsoft Excel Worksheet

Deployment Guide

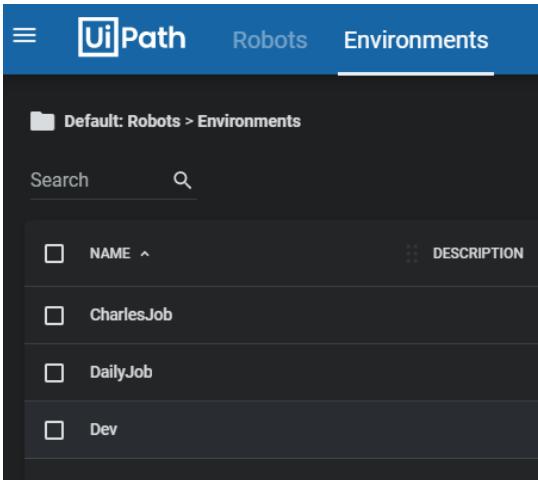
3. Create Queue



Note down the queue name to config in Schedule or Jobs

Deployment Guide

4. Create process



From Management Section on left menu
Click Robots

Manage Environment Dev		
NAME	TYPE	DESCRIPTION
1 row selected		
<input checked="" type="checkbox"/> CharlesAzure	Studio	
<input type="checkbox"/> dCloudDemo	NonProduction	
<input type="checkbox"/> DemoRobot	Unattended	
<input type="checkbox"/> DESKTOP-BQ0C2LL...	Unattended	
<input type="checkbox"/> INSIGHTSDEV-uipathA	Unattended	
<input type="checkbox"/> javaos74	Studio	
<input type="checkbox"/> ServerRobot	Unattended	
<input type="checkbox"/> ServerRobot2	Studio	
<input type="checkbox"/> VMwareBot	Attended	
<input type="checkbox"/> 김형수Dev	Studio	

Deploy Process

Package Name * COVID19HealthChecker

Choose uploaded package (COVID19HealthChecker)

Package Version * 1.0.37

Environment * DailyJob

Choose environment. COVID19robot should included on this environment

Description

Input Values

PARAMETERS	VALUE
String in_Command	No value
String in_MessengerApp	No value
String in_Addressbook	No value

Output Values

Enable Recording

Automatically Start Process

CANCEL CREATE

Deployment Guide - Create Schedule

5.a. Schedule for sending message every morning at 8 am

Parameter	Accepted Value
In_Command	SEND_MESSAGE CHECK_RESPONSE
In_MessengerApp	KakaoTalk, Workplace, Whatsapp, WhatsappWeb
In_Addressbook	<Addressbook file path>
In_OrchestratorQueueName	<Queue name created in step 3. Define Queue>

Edit Trigger

Name * 코로나19메세지발송 Trigger name

Process * COVID19HealthChecker_Dev Process name

Execution Target Parameters

All Robots Specific Robots Allocate dynamically

Search Specify robots

ROBOT MACHINE C

1 row selected

CharlesAzure Charles

Name * Send Message every morning

Process * COVID19HealthChecker_HS_Env

Job priority * → Inherited

Parameter setting

Execution Target	Parameters
String in_Command	"SEND_MESSAGE" Command
String in_MessengerApp	"WhatsappWeb" Messenger App
String in_Addressbook	No value Address book path
String in_OrchestratorQueueName	"COVID19_ContactQueue" Queue Name

Timezone * (UTC+07:00) Bangkok, Hanoi, Jakarta
Selected timezone is not the current tenant timezone

Input running time

Every day at 8 hour(s)

And 0 minute(s)

The process will be scheduled in (UTC+07:00) Bangkok, Hanoi, Jakarta

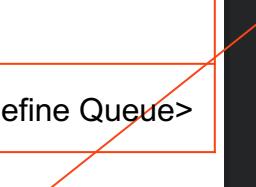
Non-working days restrictions
No calendar selected.

Stop Job after
Disable Trigger at

Deployment Guide - Create Schedule

5.b. Schedule for checking response every hours from 9-15

Parameter	Accepted Value
In_Command	SEND_MESSAGE CHECK_RESPONSE
In_MessengerApp	KakaoTalk, Workplace, Whatsapp, WhatsappWeb
In_Addressbook	<Addressbook file path>
In_OrchestratorQueueName	<Queue name created in step 3. Define Queue>



Name *
Check response every hours from 9-15

Process *
COVID19HealthChecker_HS_Env

Execution Target

String in_Command	"CHECK_RESPONSE"	<input type="button" value="edit"/>	<input type="button" value="trash"/>
String in_MessengerApp	"WhatsappWeb"	<input type="button" value="edit"/>	<input type="button" value="trash"/>
String in_Addressbook	No value	<input type="button" value="edit"/>	<input type="button" value="trash"/>
String in_OrchestratorQueueName	"COVID19_ContactQueue"	<input type="button" value="edit"/>	<input type="button" value="trash"/>

Parameters

Timezone *
(UTC+07:00) Bangkok, Hanoi, Jakarta

Selected timezone is not the current tenant timezone

Job priority * → Inherited

Minutes
Hourly
Daily
Weekly
Monthly
 Advanced

Cron expression 0 0 9-15 ? * *

The process will be scheduled in (UTC+07:00) Bangkok, Hanoi, Jakarta

Non-working days restrictions
No calendar selected.

Stop Job after
 Disable Trigger at

Final setup

2 scheduled triggers will run at predefined time every days

The screenshot shows the 'Triggers' list in the UiPath application. The interface has a blue header bar with the title 'Triggers' and a dropdown menu showing 'COVID19_TAS...' and 'Classic Folder'. Below the header is a search bar and filters for 'State: All', 'Type: All', and 'Job priority: All'. The main area displays a table of triggers:

NAME	PROCESS	ENVIRONMENT	TYPE	TRIGGER DETAILS	JOB PRIORITY	NEXT RUN TIME	STOP AFTER
Check response every hours from 9-15	COVID19HealthChecker_H...	HS_Env	Time	Between 09:00 AM and 03:59 PM	Inherited	in 10 hours	...
Send Message every morning at 8 AM	COVID19HealthChecker_H...	HS_Env	Time	At 08:00 AM	Inherited	in 16 hours	...

At the bottom of the table, there are pagination controls for 'Items 10' and '1 - 2 / 2'.

Thank You

