

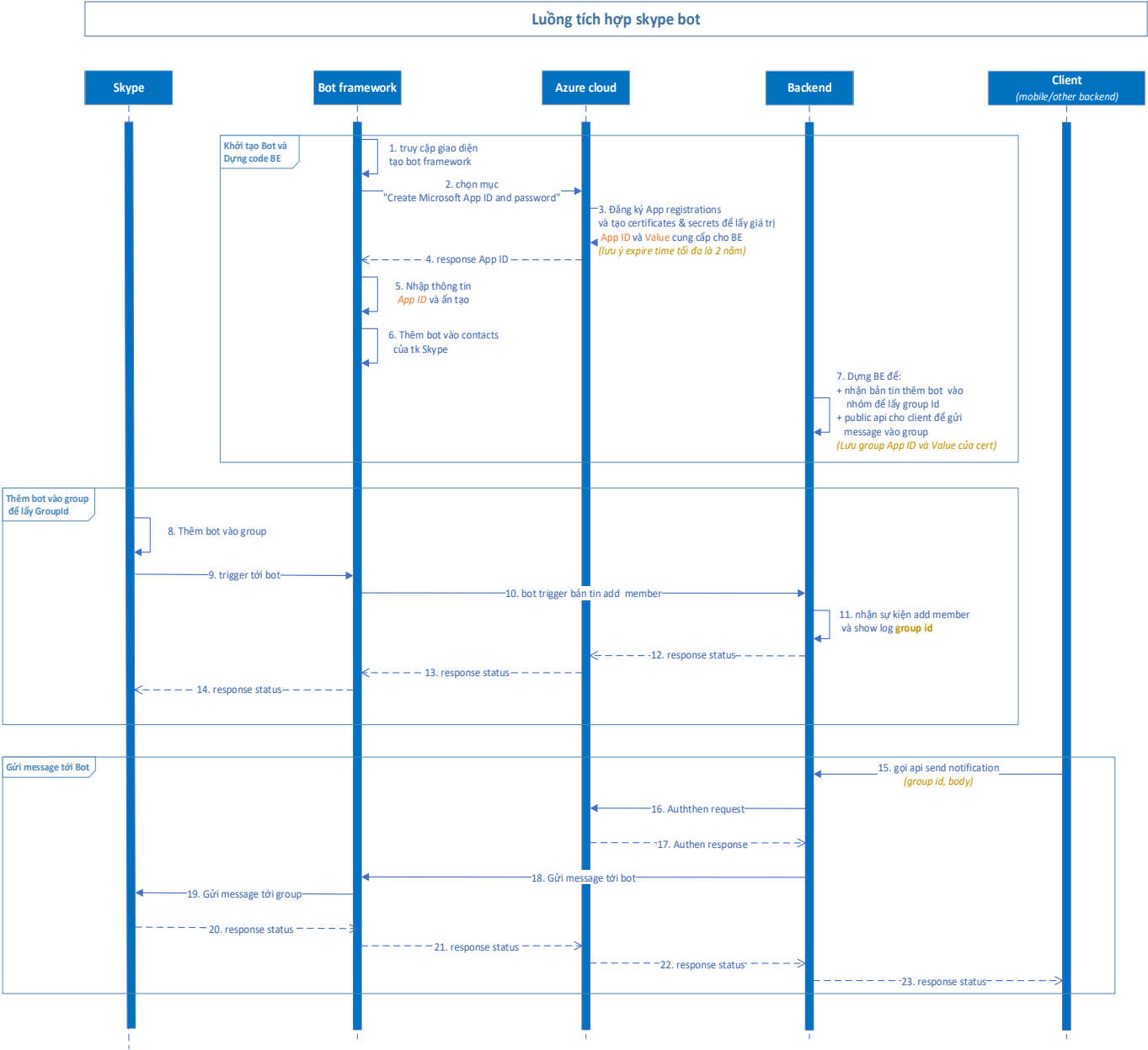
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LỊCH SỬ TÀI LIỆU:

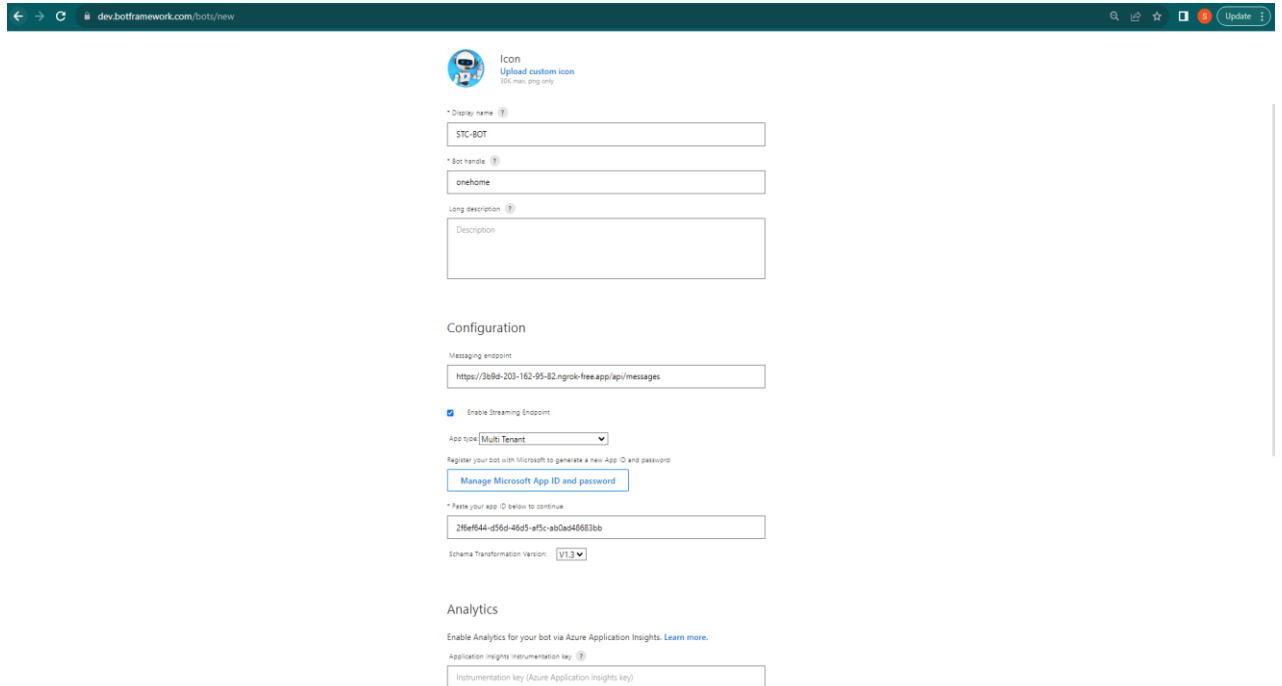
Phiên bản	Ngày sửa đổi	Người thực hiện	Nội dung sửa đổi
0.1	22/08/2023	NghiaPN	Khởi tạo tài liệu

Luồng tích hợp Skype bot



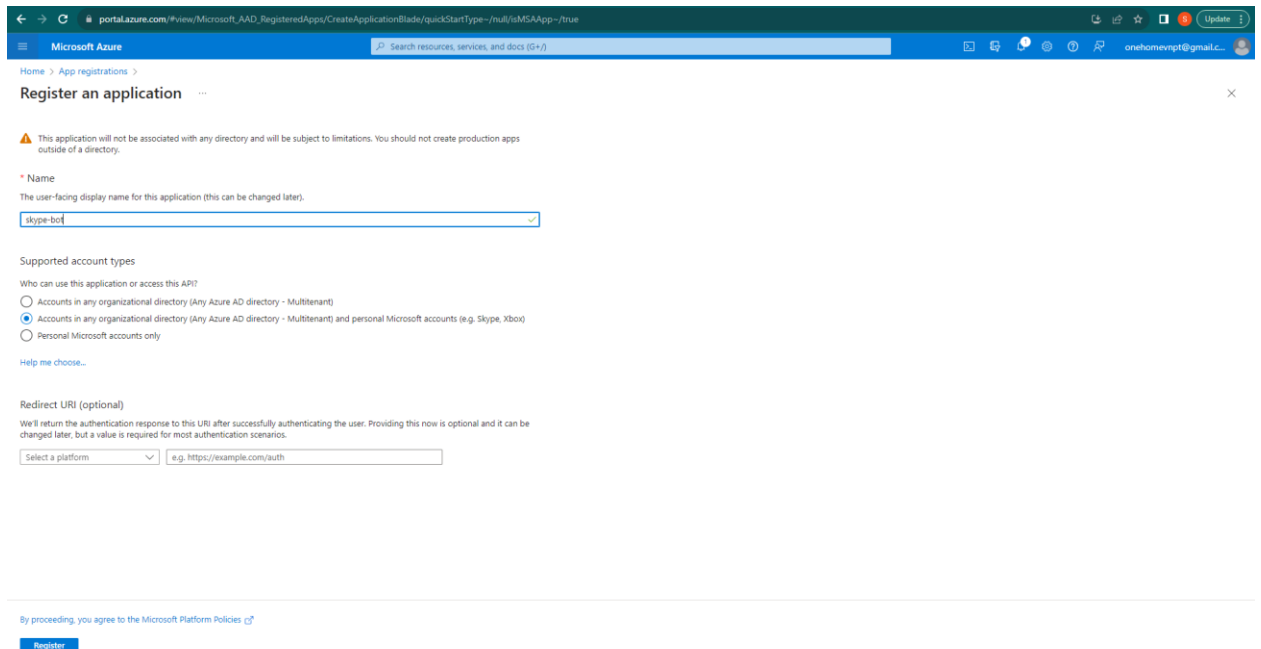
1. Khởi tạo Bot framework và Dựng code BE

1. Truy cập vào đường link sau để tạo Bot <https://dev.botframework.com/bots/new>

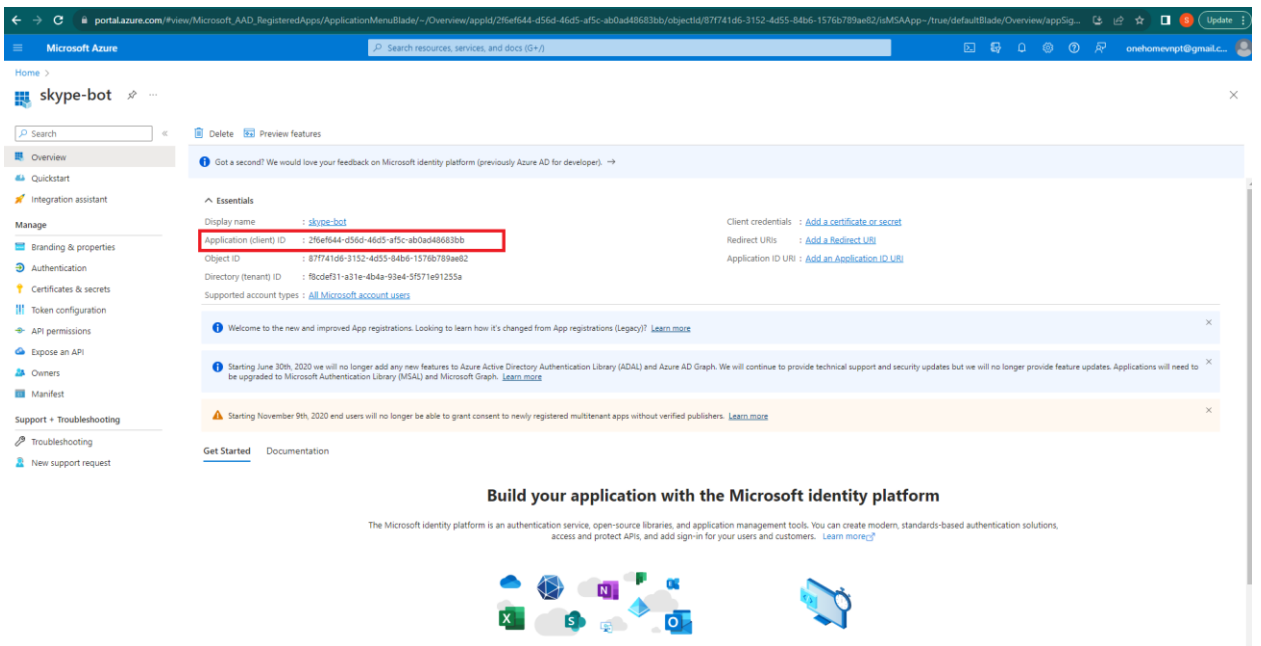


The screenshot shows the 'Create new bot' form on the Bot Framework Developer Portal. The form is divided into several sections: 'Icon' (with a custom icon upload option), 'Display name' (set to 'STC-BOT'), 'Bot handle' (set to 'onehome'), 'Long description' (empty), 'Configuration' (including 'Messaging endpoint' set to 'https://3b8d-203-162-95-82.ngrok-free.app/api/messages', 'Enable Streaming Endpoint' checked, 'App type' set to 'Multi Tenant', and a 'Manage Microsoft App ID and password' button), and 'Analytics' (with a warning about production apps and a 'Register your bot with Microsoft' button). The 'App ID' field is populated with '2f8e944-e56d-46d5-a75c-a80ed48683bb'.

2. Chọn mục "Create Microsoft App ID and password" để tạo App registrations
3. Đăng ký App registrations và tạo Certificates & secrets để lấy giá trị **App ID** và **Value** cung cấp cho BE (*lưu ý expire time tối đa là 2 năm, cần phải thay lại nếu hết hạn*)



The screenshot shows the 'Register an application' page in the Microsoft Azure portal. The page has a warning icon and text: 'This application will not be associated with any directory and will be subject to limitations. You should not create production apps outside of a directory.' The 'Name' field is set to 'skype-bot'. Under 'Supported account types', the 'Accounts in any organizational directory (Any Azure AD directory - Multitenant)' option is selected. The 'Redirect URI (optional)' field is set to 'e.g. https://example.com/auth'. At the bottom, there is a 'Register' button and a link to the Microsoft Platform Policies.



Microsoft Azure

Home > skype-bot

Search resources, services, and docs (G+)

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New support request

Display name : skype-bot

Application (client) ID : 2f6ef644-d56d-46d5-af5c-ab0ad48683bb

Object ID : 877f41d8-3152-4d55-84b6-157b6789ae62

Directory (tenant) ID : f8cdef31-a31e-4b4a-93e4-9571e91255a

Supported account types : All Microsoft account users

Client credentials : Add a certificate or secret

Redirect URIs : Add a Redirect URI

Application ID URI : Add an Application ID URI

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

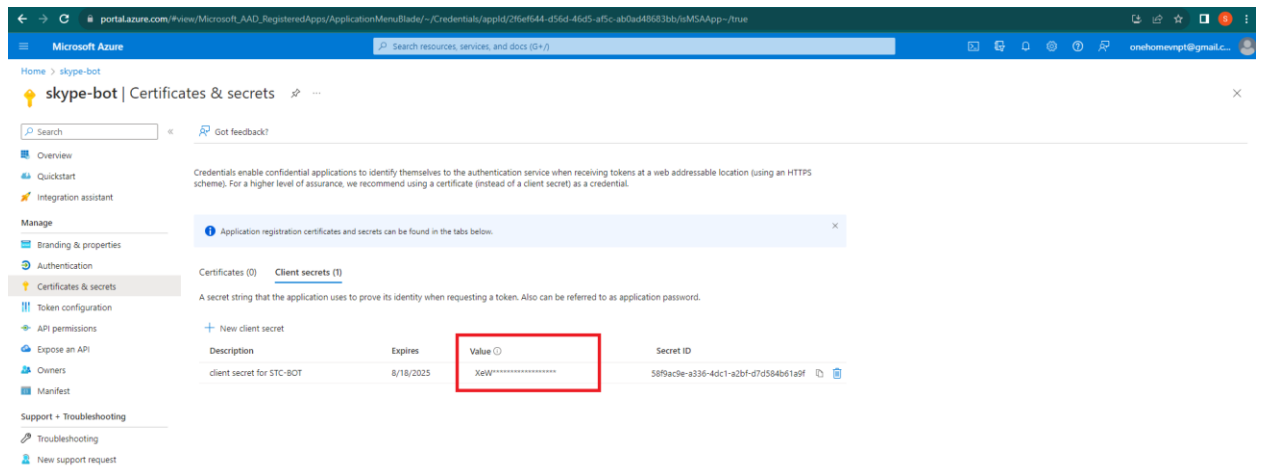
Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Starting November 9th, 2020 end users will no longer be able to grant consent to newly registered multitenant apps without verified publishers. [Learn more](#)

Get Started Documentation

Build your application with the Microsoft identity platform

The Microsoft identity platform is an authentication service, open-source libraries, and application management tools. You can create modern, standards-based authentication solutions, access and protect APIs, and add sign-in for your users and customers. [Learn more](#)



Microsoft Azure

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skype-bot | Certificates & secrets

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Application registration certificates and secrets can be found in the tabs below.

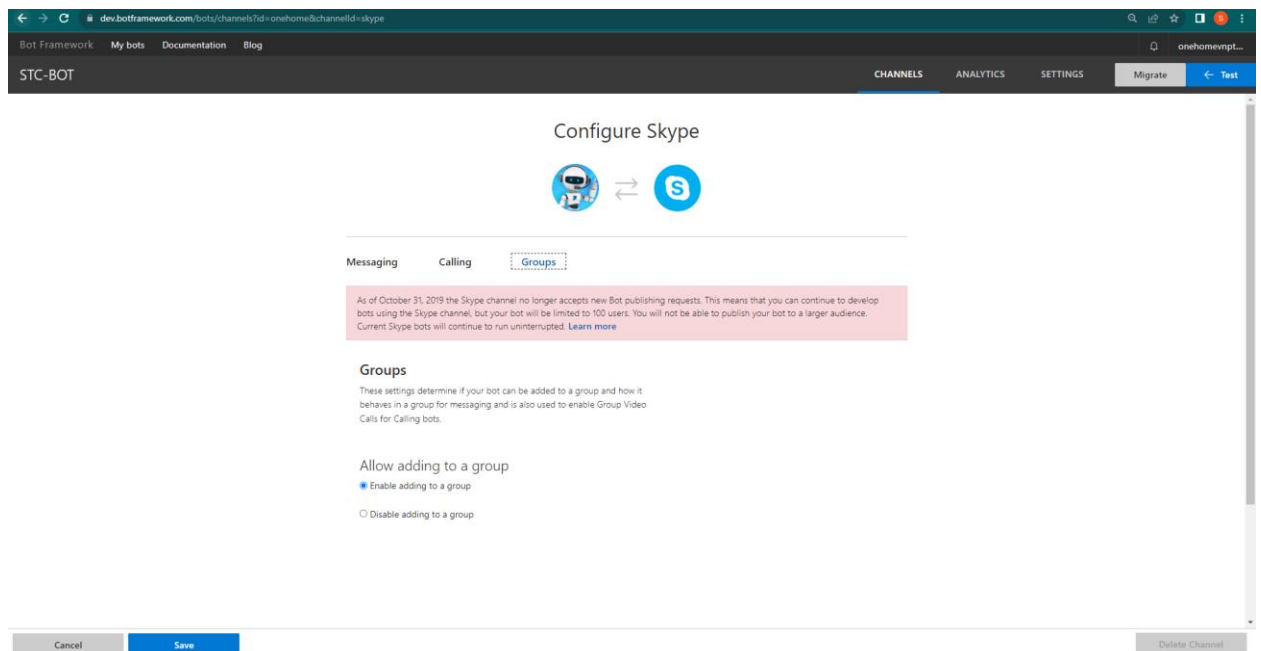
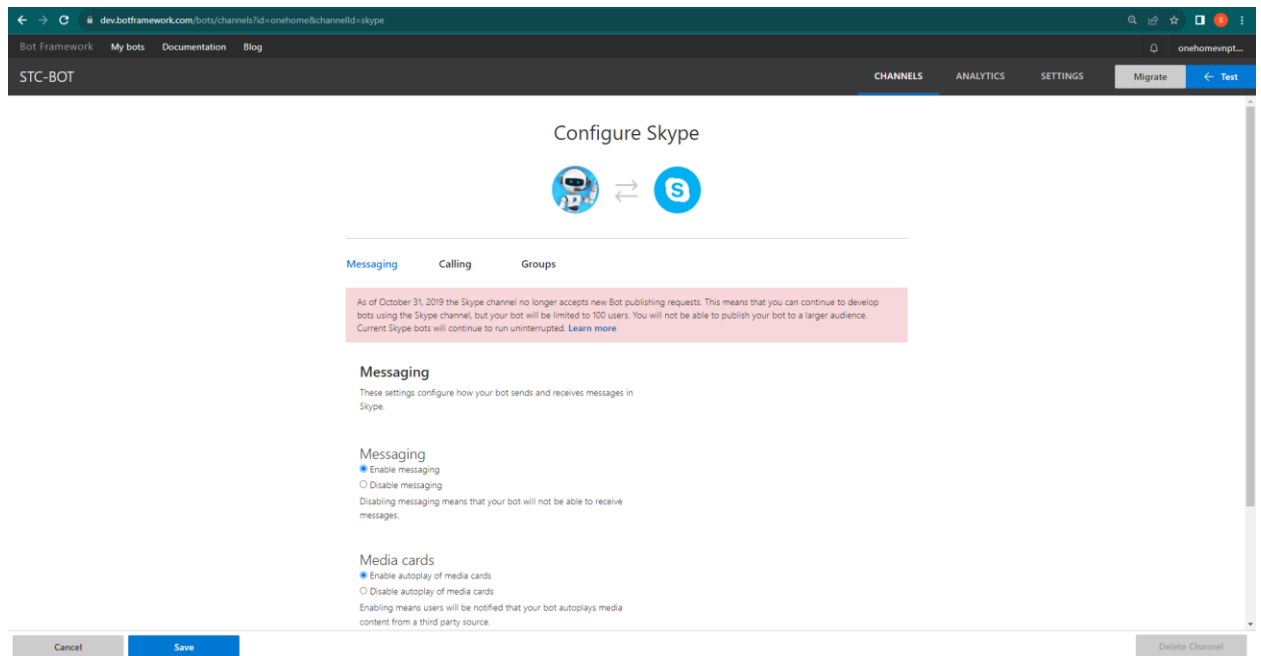
Certificates (0) Client secrets (1)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value	Secret ID
client secret for STC-BOT	8/18/2025	XeW*****	589ac9e-a336-4dc1-a2bf-d7d584b61a9f

4. Nhập thông tin App ID vào form tạo Bot và ấn “Tạo”
5. Thêm Bot vào danh bạ Skype



6. Dụng BE để:

- nhận bản tin thêm bot vào nhóm để lấy group Id
- Viết api để client có thể gửi message vào group
- Public api ra **https** bằng **ngrok** để lưu vào mục **Messaging endpoint** trong setting bot (<https://e0b0-14-160-64-198.ngrok-free.app/api/messages>)

(Lưu group App ID và Value của Certificates & Secrets vào file config)

Bot profile

Icon
Upload custom icon
30K max, png only

* Display name ⓘ
STC-BOT

* Bot handle ⓘ
onehome

Long description ⓘ
Description

Configuration

Messaging endpoint
https://e0b0-14-160-64-198.ngrok-free.app/api/messages

☒ Enable Streaming Endpoint

App type: Multi Tenant

Register your bot with Microsoft to generate a new App ID and password

Manage Microsoft App ID and password

* Paste your app ID below to continue

2. Thêm Bot vào Group để lấy Group ID

1. Sau khi thêm bot vào danh bạ (Skype contacts) thì thực hiện gửi 1 message tới bot trước, sau đó mới thực hiện thêm vào group (mục đích là để tìm bot khi add vào group dễ hơn)
2. Sau khi thêm thì BE sẽ nhận được sự kiện add member. Lúc này trong log sẽ show **Group ID**, giá trị này sẽ được dùng để gửi message vào Group

3. Gửi message tới Group qua Bot

Client (mobile/ other backend) có thể gọi 1 api tới BE để gửi message tới group qua bot như sau:

POST: `{{base_url}}/api/notification`

BODY:

```
{
  "conversationId": "Group Id",
  "body": "message"
}
```

STC-BOT / send message from bot

Save

Send

POST

https://e0b0-14-160-64-198.ngrok-free.app/api/notification

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

2

3

4

1

2

3

4

Body

Cookies

Headers (5)

Test Results

Status: 202 Accepted

Time: 2.08 s

Size: 209 B

Save Response

Pretty

Raw

Preview

Visualize

Text

1

messages have been sent. content: hello