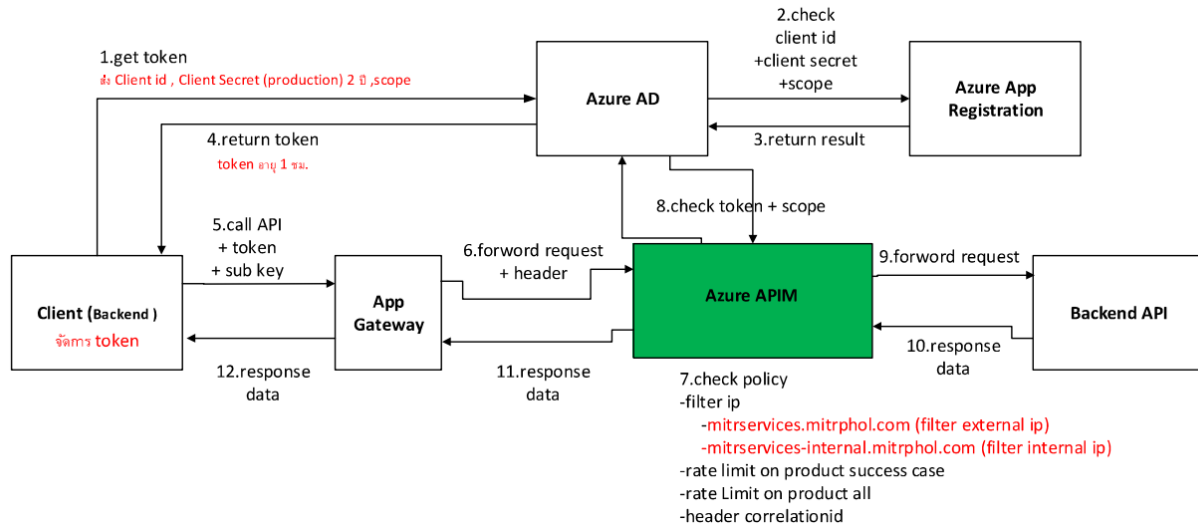


API Documentation

การทำงานของ APIM



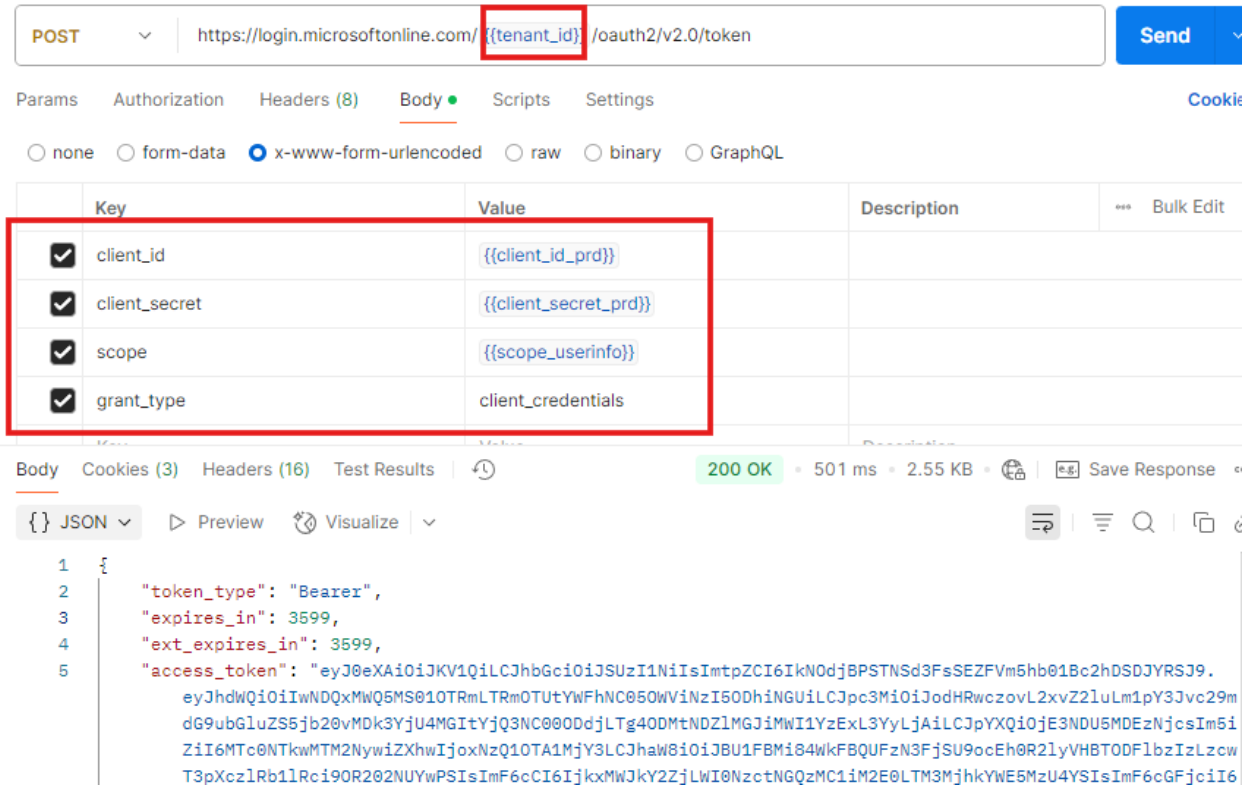
การใช้งาน API

สำหรับการเรียกใช้งาน API ผ่าน APIM ด้วยวิธีการ type เป็น client_credentials สำหรับให้ Application เรียกใช้ API ได้โดยตรง

ข้อมูลที่ใช้ร่วมกับ API

- client_id (ข้อมูลอยู่ไฟล์ excel (Data for request token sheet))
- client_secret (สำหรับ production มี expire date เวลา 2 ปี และ ข้อมูลอยู่ไฟล์ excel (Data for request token sheet))
- sub_scripton_key (ข้อมูลอยู่ไฟล์ excel (Data for request token sheet))
- scope (ข้อมูลอยู่ไฟล์ excel (API sheet))
- tenant_id (ข้อมูลอยู่ไฟล์ excel (Data for request token sheet))
- access_token (ได้มาหลังขอ token มีอายุ 1 ชม. ใช้สำหรับเรียก API)
- service_host (ข้อมูลอยู่ไฟล์ excel (Data for request token sheet))

ตย. ผ่าน postman



2. วิธีการใช้งาน API

ထပ်. Userinfo V2 - authen

- **Method:** POST
- **URL:** https://{ service_host }/userinfo/api/v2/authen
- **Headers:**
 - Authorization: Bearer <access_token>
 - Ocp-Apim-Subscription-Key : { sub_subscription_key }

- **Response Example:**

```
{
  "code": 200,
  "record": 1,
  "message": "Successful.",
  "result": "Authentication successful"
}
```

ตย. ผ่าน postman

POST ▼ | <https://mitservices.mitrphol.com/userinfo/api/v2/authen> Send ▼

Params **Authorization** Headers (9) Body • Scripts Settings Cookies

Auth Type

Bearer Token ▼

Token

..... 👁 🔒

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

POST ▼ | <https://mitservices.mitrphol.com/userinfo/api/v2/authen> Send ▼

Params **Authorization** **Headers (9)** Body • Scripts Settings Cookies

Key	Value	Description
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.43.3	
<input checked="" type="checkbox"/> Accept	*/*	
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/> Connection	keep-alive	
<input checked="" type="checkbox"/> Ocp-Apim-Subscription-Key	{{sub_key_prd}}	

POST ▼ | <https://mitservices.mitrphol.com/userinfo/api/v2/authen> Send ▼

Params **Authorization** Headers (9) **Body** • Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼ Beautify

```
{
  // "email": "bunnawitp@mitrphol.com",
  "username": "chutimal",
  "password": "xxx"
}
```

Body Cookies Headers (5) Test Results 🔄 **200 OK** • 114 ms • 269 B • 🔒 📄 Save Response ⋮

{} JSON ▼ ▶ Preview 🔗 Visualize ▼ 🔍 📄 🔗

```
1 {
2   "code": 200,
3   "record": 1,
4   "message": "Successful.",
5   "result": "Authentication successful"
6 }
```

Policy & Error

- Allow IP or Ocp-Apim-Subscription-Key or Service host

HTTP [API-Client] chutimal_for_test_api / [API] User info V2 / production / userinfo api v2 - profile

POST ▼ | https://mitrservices.mitrphol.com/userinfo/api/v2/profile

Params Authorization ● Headers (9) Body ● Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼

```
1 {  
2   "keyword": "bunna"  
3 }
```

Body Cookies Headers (4) Test Results ↺ 403 Forbidden

Raw ▼ ▶ Preview 🔗 Visualize ▼

```
1 IP or Ocp-Apim-Subscription-Key is not allowed
```

POST ▼ | https://mitrservices.mitrphol.com/userinfo/api/v2/authen

Params Authorization ● Headers (9) Body ● Scripts Settings

Auth Type

Bearer Token ▼ Token 👁

The authorization header will be

Body Cookies Headers (4) Test Results ↺ 403 Forbidden • 158 ms • 163 B • 🔗 📄 Save

Raw ▼ ▶ Preview 🔗 Visualize ▼ 🔗

```
1 IP or host is not allowed
```

- Check subscription key header

POST ▼ <https://mitservices.mitrphol.com/userinfo/api/v2/profile> Send

Params Authorization ● Headers (9) Body ● Scripts Settings Cool

<input checked="" type="checkbox"/>	Accept-Encoding	①	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection	①	keep-alive	

Body Cookies Headers (6) Test Results ↺ ↻ 401 Access Denied • 197 ms • 468 B • 🌐 💾 Save Response

{} JSON ▼ ▶ Preview 🔗 Visualize ▼ ↵ ≡ 🔍 📄

```
1 {
2   "statusCode": 401,
3   "message": "Access denied due to missing subscription key. Make sure to include subscription key when making requests to an
4   API."
```

- Valid subscription key

POST ▼ <https://mitservices.mitrphol.com/userinfo/api/v2/profile> Send

Params Authorization ● Headers (9) Body ● Scripts Settings Cool

<input checked="" type="checkbox"/>	Content-Length	①	<calculated when request is sent>	
<input checked="" type="checkbox"/>	Host	①	<calculated when request is sent>	
<input checked="" type="checkbox"/>	User-Agent	①	PostmanRuntime/7.43.3	
<input checked="" type="checkbox"/>	Accept	①	*/*	
<input checked="" type="checkbox"/>	Accept-Encoding	①	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection	①	keep-alive	

Body Cookies Headers (6) Test Results ↺ ↻ 401 Access Denied • 39 ms • 459 B • 🌐 💾 Save Response

{} JSON ▼ ▶ Preview 🔗 Visualize ▼ ↵ ≡ 🔍 📄

```
1 {
2   "statusCode": 401,
3   "message": "Access denied due to invalid subscription key. Make sure to provide a valid key for an active subscription."
4 }
```

● IP-filter

mitr [API-Client] cnuimai_tor_test_api / [API] User info v2 / production / userinfo api v2 - prodire

POST

https://mitservices.mitrphol.com/userinfo/api/v2/profile

Params

Authorization

Headers (9)

Body

Scripts

Settings

<input checked="" type="checkbox"/>	User-Agent	①	PostmanRuntime/7.43.3	
<input checked="" type="checkbox"/>	Accept	①	*/*	
<input checked="" type="checkbox"/>	Accept-Encoding	①	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection	①	keep-alive	
<input checked="" type="checkbox"/>	Ocp-Apim-Subscription-Key	d		
	Key	Value		De

Body

Cookies

Headers (5)

Test Results

🕒

403 Forbidden

{}

JSON

Preview

Visualize

▼

```
1 {
2   "statusCode": 403,
3   "message": "Forbidden จำกัด URL/IP ที่ใช้กับ API นี้"
4 }
```

GET

https://mitservices.mitrphol.com/iservice/prd/BusinessPartner/xxx/GetBP_2way2Grow/IDcard/2

Params

Authorization

Headers (8)

Body

Scripts

Settings

Headers

7 hidden

	Key	Value	Description	...	Bulk
<input checked="" type="checkbox"/>	Ocp-Apim-Subscription-Key				
	Key	Value	Description		

body

Cookies

Headers (4)

Test Results

Status: 403 Forbidden Time: 37 ms Size: 157 B Sa

Pretty

Raw

Preview

Visualize

Text

▼

↻

```
1 IP is not allowed
```

- **Rate limit**

POST | <https://mitrservices.mitrphol.com/userinfo/api/v2/profile>

Params | Authorization | **Headers (9)** | Body | Scripts | Settings

Header	Value
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.43.3
<input checked="" type="checkbox"/> Accept	*/*
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br
<input checked="" type="checkbox"/> Connection	keep-alive

Body | Cookies | Headers (6) | Test Results |

429 Too Many Requests • 40 ms • 278 B

{ } JSON | Preview | Visualize |

```
1 {
2   "statusCode": 429,
3   "message": "Rate limit is exceeded. Try again in 7 seconds."
4 }
```

- **Validate Token**

POST | <https://mitrservices.mitrphol.com/userinfo/api/v2/profile>

Params | **Authorization** | Headers (9) | Body | Scripts | Settings

Auth Type: Bearer Token

Token: `wE3g4V8diY5Vsmmq22J1u7gVwmXlg`

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

Body | Cookies | Headers (5) | Test Results |

401 Unauthorized • 49 ms • 257 B • S

{ } JSON | Preview | Visualize |

```
1 {
2   "statusCode": 401,
3   "message": "This token is not authorized to access this API"
4 }
```