



2FA-LOGIN

API (LOGIN & TOKEN VERIFY)

และ การใช้งาน

VERSION M-0.4.XX (30-9-64)

By : S.Thitipol



QR Code



รวมคำถาม
(สำหรับนักพัฒนา)



API Doc
(สำหรับนักพัฒนา)



QR Code



RTAF-OTP on Web App
(Chrome , Safari , MS Edge)



RTAF-OTP on Mobile App
(Android Only)



หัวข้อ



1. 2FA-Login Server
2. 2FA-Login API
3. 2FA-Token-Verify API



2FA-Login Server



1. Host : <https://otp.rtaf.mi.th>
2. Connect : จากภายนอก – ใน ทอ.ได้



หัวข้อ



2FA-Login API



API



End-point : `/api/v2/mfa/login`

Method : `POST`

Input : (user [User ID] , pass [password , OTP , “”])

Body : `raw , json`

Output : `Object (user data , token)`



Login Mode (RTAF-Mail)



"login_mode": "AD-Login"

POST <https://otp.rtaf.mi.th/api/v2/mfa/login> Send Save

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies Co

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautif

```
1 {
2   "user": "thitipol",
3   "pass": "██████████"
4 }
```

Body Cookies Headers (8) Test Results Status: 200 OK Time: 891 ms Size: 1.51 KB Save Response

Pretty Raw Preview Visualize JSON ≡

```
1 {
2   "result": "Process-Complete",
3   "challenge": "HxhLEmMmCLGuCIPnDXmNBrHgwmeEJZGLoKlWggSXGCTUrJXQxavhQpwTNIInZpxVz",
4   "user": "thitipol",
5   "user_name": "ร.ท.ฐิติพล ศรีลากุล",
6   "user_orgname": "ศชว.ทอ.",
7   "user_position": "นายทหารปฏิบัติการซอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศชว.ทอ.",
8   "user_role": "USER",
9   "fname": "ฐิติพล",
10  "lname": "ศรีลากุล",
11  "password": "██████████"
12 }
```




Login Mode (RTAF-OTP)



"login_mode": "RTAF-OTP-Login"

POST <https://otp.raf.mi.th/api/v2/mfa/login> Send Save

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies Co

none form-data x-www-form-urlencoded raw binary GraphQL **JSON** Beautif

```
1 {
2   "user": "thitipol",
3   "pass": "579432"
4 }
```

Body Cookies Headers (8) Test Results 🌐 Status: 200 OK Time: 2.98 s Size: 1.32 KB Save Response

Pretty Raw Preview Visualize **JSON**

```
1 {
2   "result": "Process-Complete",
3   "challenge": "KkTqvNqPQGSUYeoI1aLtkOPMLfCZKGYbKtFoO8mQwyDTERmplNpjkpT1AjmoItDH",
4   "user": "thitipol",
5   "user_name": "ร.ท.ฐิติพล ศรีลากุล",
6   "fname": "ฐิติพล",
7   "lname": "ศรีลากุล",
8   "user_position": "นายทหารปฏิบัติการซอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศชว.ทอ.",
9   "user_orgname": "ศชว.ทอ.",
10  "user_orgname_code": "498",
11  "user_orgname_code": "498",
12  "user_orgname_code": "498"
```



Login Mode (User ID , One Time Login)



```
"login_mode": "One-Time-Login"
```

POST ▼ `https://otp.rtaf.mi.th/api/v2/mfa/login` Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "user": "7295352",
3   "pass": ""
4 }
```

Body Cookies Headers (8) Test Results 🌐 Status: 200 OK Time: 422 ms Size: 1.36 KB

Pretty Raw Preview Visualize **JSON** ↕

```
1 {
2   "result": "Process-Complete",
3   "challenge": "Hjv8jbbdWftYkrhG2NQhdUbQH6VJ6DpmmLTyivJcjtioAWA2ZjmFQ1xSYvVts4hDWFeoBzGe8d5jef6f",
4   "user": "thitipol",
5   "user_name": "ร.ท.ฐิติพล ศรีลากุล",
6   "fname": "ฐิติพล",
7   "lname": "ศรีลากุล",
8   "user_position": "นายทหารปฏิบัติการซอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศชว.ทอ.",
9   "user_orgname": "ศชว.ทอ.",
10  "user_orgname_code": "498",
11  "user_orgname_code": "498"
```




หัวข้อ



Token Verify API



API



End-point : `/api/v2/mfa/token/verify`

Method : `POST`

Input : (token)

Body : `raw , json`

Output : `Object (user data)`



Verify Result



```
"result": "Process-Complete",
```

```
"result": "Process-Error",  
"error": {  
  "name": "TokenExpiredError",  
  "message": "jwt expired",  
  "expiredAt": "2021-09-30T08:31:54.000Z"  
}
```

```
{  
  "result": "Process-Complete",  
  "data": {  
    "user": "thitipol",  
    "fname": "ฐิติพล",  
    "lname": "ศรีลากุล",  
    "orgname": "ศชว.ทอ.",  
    "domain": "mfa.software.rtaf.mi.th",  
    "role": "USER",  
    "login": "2021-09-30T13:32:36.644Z",  
    "origin": "AD"  
  }  
}
```




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