

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)

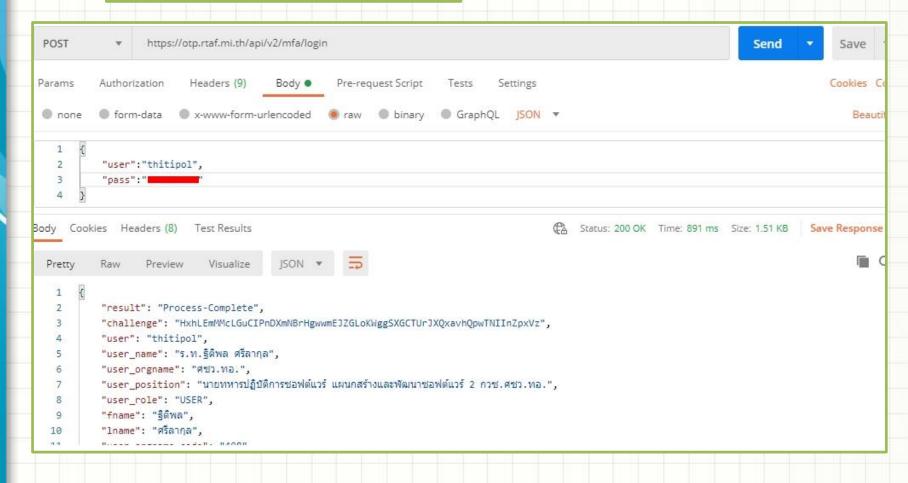


Login Mode (RTAF-Mail)





"login_mode": "AD-Login"





Login Mode (RTAF-OTP)





"login_mode": "RTAF-OTP-Login"

```
POST
                     https://otp.rtaf.mi.th/api/v2/mfa/login
                                                                                                                                    Send
                                                                                                                                                    Save
 Params
            Authorization
                                                        Pre-request Script
                                                                            Tests
                                                                                     Settings
                                                                                                                                                  Cookies Co
                            Headers (9)
                                            Body 

            ■ form-data ■ x-www-form-urlencoded ■ raw ■ binary ■ GraphQL JSON ▼
                                                                                                                                                      Beautif
            "user": "thitipol",
            "pass": "579432"
Body Cookies Headers (8) Test Results
                                                                                                    Status: 200 OK Time: 2.98 s Size: 1.32 KB
                                                                                                                                              Save Response
  Pretty
                    Preview
                                Visualize
            "result": "Process-Complete",
    3
            "challenge": "KkTqvNqPQGSUYeoIlaLtkOPMLfCZKGYbKtFOoBmQwyDTERmpLnpjkpTlAjmoItDH",
    4
            "user": "thitipol",
            "user_name": "ร.ท.ฐิติพล ศรีลากุล",
            "fname": "ຊື້ທີ່ໜລ",
            "lname": "ศรีลากูล",
            "user_position": "นายทหารปฏิบัติการซอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศซว.ทอ.",
            "user_orgname": "ศชว.ทอ.",
    9
   10
            "user_orgname_code": "498",
```



Login Mode (User ID, One Time Login)





"login_mode": "One-Time-Login"

```
https://otp.rtaf.mi.th/api/v2/mfa/login
  POST
                                                                                                                                    Send
 Params
            Authorization
                            Headers (9)
                                             Body •
                                                        Pre-request Script
                                                                           Tests
                                                                                     Settings
            ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ▼
  none
             "user": "7295352",
    2
             "pass":""
    3
Body Cookies Headers (8) Test Results
                                                                                                    Status: 200 OK Time: 422 ms Size: 1.36 KB
                    Preview
                                Visualize
            Raw
   Pretty
    1
            "result": "Process-Complete",
            "challenge": "HjV8jbbdWFtYkrhG2NQhdUbQH6VJ6DpmmLTyivJcjtioAWA2ZjmFQ1xSYvVts4hDWFeoBzGe8d5jef6f",
    3
    4
            "user": "thitipol",
            "user_name": "ร.ท.ฐิติพล ศรีลากุล",
    5
    6
            "fname": "ສຼືຶ່ຫືพລ",
    7
            "lname": "ศรีลากูล",
            "user position": "นายทหารปฏิบัติการชอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศชว.ทอ.",
    8
    9
            "user_orgname": "ศชว.ทอ.",
   10
            "user_orgname_code": "498",
            Borner and all a microsi
```



Login Result



```
"result": "Process-Complete",
                                                      "result": "Process-Error",
                                                     "error": "Authentication-Token-Failed",
             "result": "Process-Complete",
             "challenge": "fRKmkvYatQfticutDfdLNExjZHhLjOCrivHDPsLdqLIiiURPJQNtArFezZIimyos",
             "user": "thitipol",
             "user_name": "ร.ท.ฐิติพล ศรีลากุล",
             "fname": "ຊື່ດີพລ",
             "lname": "ศรีลากล",
              "user position": "นายทหารปฏิบัติการซอฟต์แวร์ แผนกสร้างและพัฒนาซอฟต์แวร์ 2 กวช.ศชว.ทอ.",
             "user orgname": "ศชว.ทอ.",
             "user orgname code": "498",
             "user role": "USER",
              "token": "evJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjoidGhpdGlwb2wiLCJkb21haW4iOiJt
             "login_mode": "RTAF-OTP-Login"
                                                        "login_mode": "AD-Login"
"login mode": "One-Time-Login"
                                                        "login_mode": "RTAF-OTP-Login"
```



หัวข้อ



Token Verify API



API



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

Method: POST

Input: (token)

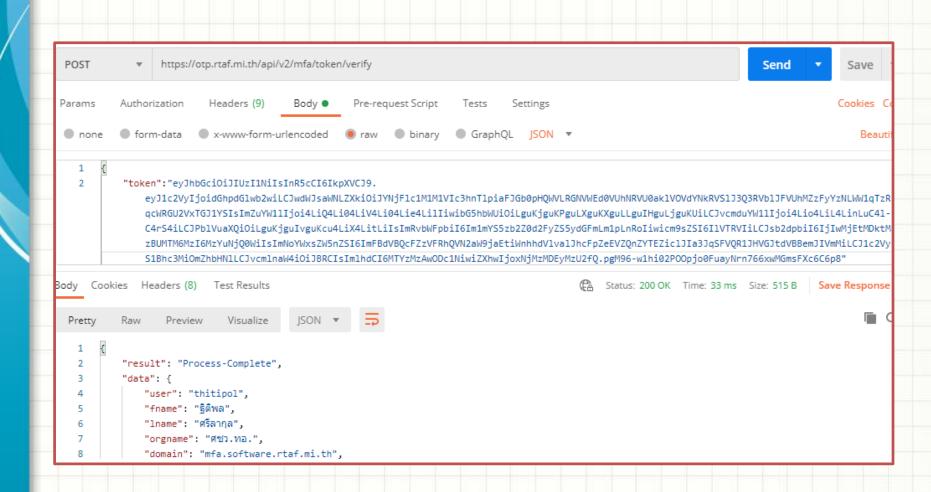
Body: raw, json

Output: Object (user data)



Token-Verify







Verify Result



```
"result": "Process-Error",
"result": "Process-Complete",
                                       "error": {
                                           "name": "TokenExpiredError",
                                           "message": "jwt expired",
                                           "expiredAt": "2021-09-30T08:31:54.000Z"
 "result": "Process-Complete",
 "data": {
      "user": "thitipol",
     "fname": "ลู๊ติพล",
     "lname": "ศรีลากุล",
     "orgname": "ศชว.ทอ.",
      "domain": "mfa.software.rtaf.mi.th",
      "role": "USER",
      "login": "2021-09-30T13:32:36.644Z",
      "origin": "AD"
```



2FA-LOGIN

API (LOGIN & TOKEN VERIFY)

และ การใช้งาน

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

By: S.Thitipol