

MSP

訊息服务平台

Alex

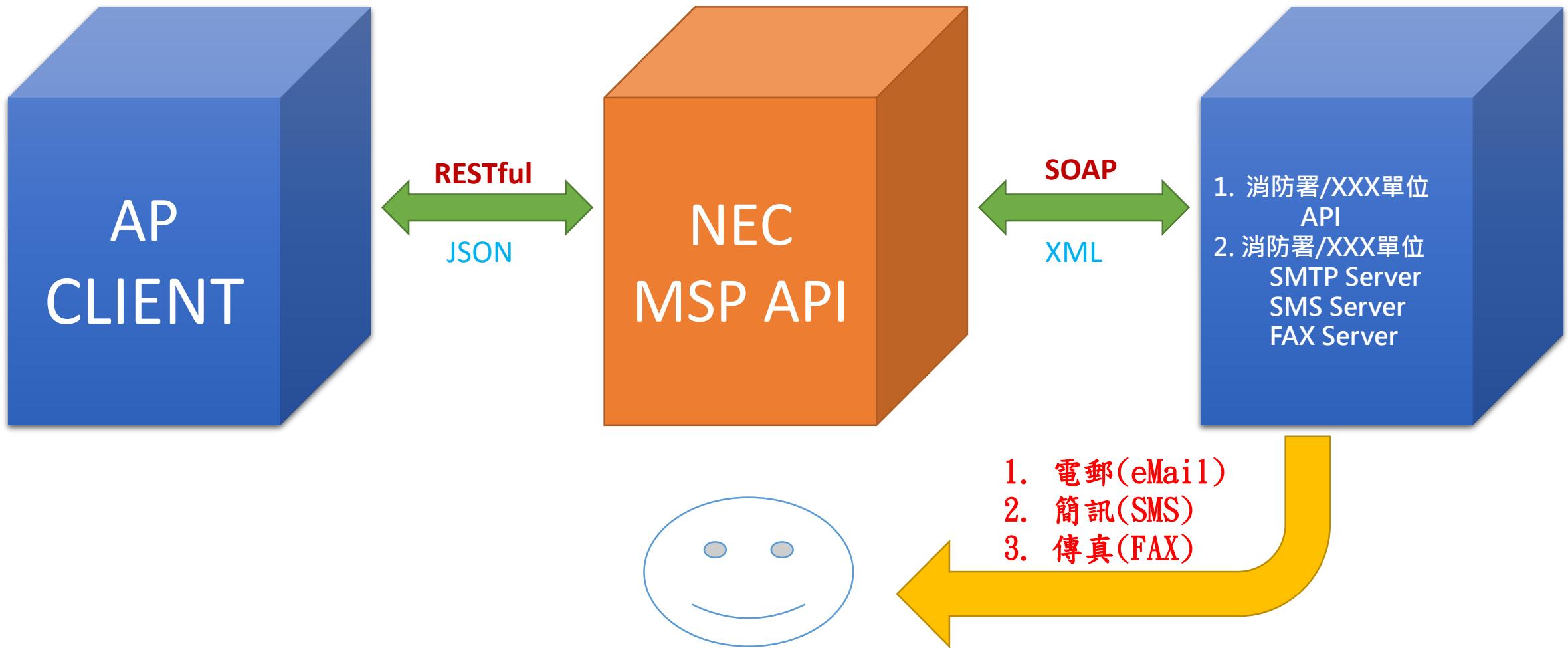
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--- 大 縱 ---

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--- MSP 架 構 ---



--- MSP DB ---

(EMIC2_Public)

1. SYS_COM_PARAM

The screenshot shows the SQL Server Management Studio interface with two panes. The left pane displays the schema browser for the EMIC2_Public database, listing various system stored procedures and tables. The right pane shows the results of a query:

```

/*
***** SSMS 中 SelectTopNRows 命令的指令碼 *****/
SELECT TOP (1000) [PARAM_ID]
    ,[PARAM_NAME]
    ,[PARAM_VALUE]
    ,[PARAM_DESC]
    ,[CREATED_BY]
    ,[CREATED_TIME]
    ,[MODIFIED_BY]
    ,[MODIFIED_TIME]
FROM [EMIC2_Public].[dbo].[SYS_COM_PARAM]

```

The results grid shows the following data:

	PARAM_ID	PARAM_NAME	PARAM_VALUE	PARAM_DESC	CREATED_BY	CREATED_TIME	MODIFIED_BY
1	1	EMP_ContextRoot	/EMP2/Develop/	NULL	NULL	2019-07-17 11:02:00.000	NULL
2	2	Mail_URL	http://mspgw.emic.gov.tw/	mail server url	NULL	2019-07-17 11:02:00.000	NULL
3	3	MSPMSG	axis2/services/MSPMSG MSPMSGHttpSoap11Endpoint/	NULL	NULL	2019-07-17 11:02:00.000	NULL
4	4	MSP_Web_URL	http://mspweb.emic.gov.tw/	xsd位置	NULL	2019-07-17 11:02:00.000	NULL
5	5	MSP_WSDL	axis2/services/MSPMSG?wsdl	NULL	NULL	2019-07-17 11:02:00.000	NULL

PARAM_NAME

EMP_ContextRoot

PARAM_VALUE

/EMP2/Develop/ ==> 開發環境
/EMP2/ =====> 正式環境

2. SYS_MSP_LICENSE

The screenshot shows the SQL Server Management Studio interface with two panes. The left pane displays the schema browser for the EMIC2_Public database. The right pane shows the results of a query:

```

/*
***** SSMS 中 SelectTopNRows 命令的指令碼 *****/
SELECT TOP (1000) [MSP_LICENSE_SEQNO]
    ,[OID]
    ,[UNIT_NAME]
    ,[LICENSE]
    ,[STATUS]
    ,[CREATE_TIME]
FROM [EMIC2_Public].[dbo].[SYS_MSP_LICENSE]

```

The results grid shows the following data:

	MSP_LICENSE_SEQNO	OID	UNIT_NAME	LICENSE	STATUS	CREATE_TIME
1	1	OP	EMIC維運	NFA-API-140728113841	A	2014-09-05 17:05:00:0
2	2	2.16.886.101.20003.20001.20003	消防署	NFA-API-170627140911	A	2018-08-24 17:37:34:9
3	3	2.16.886.101.20003.20007.20014	經濟部水利署	NFA-API-170627140911	A	2017-06-27 14:11:11:4
4	4	2.16.886.101.20003.20007.20014.20005	經濟部水利署臺北水資源特區管理局	NFA-API-140704092521	T	2014-09-17 16:31:56:2
5	5	2.16.886.101.20003.20007.20014.20004	經濟部水利署水力規劃試驗所	NFA-API-140704092521	D	2014-09-17 16:31:56:2
6	103	2.16.886.101.20003.20007.20127	台灣電力股份有限公司	NFA-API-150113142308	A	2015-01-13 14:23:12:7
7	104	2.16.886.101.90020.20002.20025	宜蘭縣政府消防局	NFA-API-141223181246	A	2014-12-30 09:45:16:1
8	203	2.16.886.101.90030.20002.20012	桃園市政府新聞處	NFA-API-150512145158	A	2015-05-12 14:52:54:8
9	204	2.16.886.101.20003.C0002	行政院災害防救辦公室	NFA-API-150515111302	A	2015-05-27 08:54:55:9

PARAM_NAME

OID

PARAM_VALUE

OP =====> 開發/正式環境均可Send SMS

開發/正式環境均可Send eMail/FAX

非OP =====> 正式環境才可Send SMS

開發/正式環境均可Send eMail/FAX

--- MSP 使用 說 明 ---
(1. URL)

傳送電子郵件

<http://10.1.2.164/MSP.API/msp/SendEmicMail>

傳送簡訊

<http://10.1.2.164/MSP.API/msp/SendEmicSms>

傳送傳真

<http://10.1.2.164/MSP.API/msp/SendEmicFax>

--- MSP 使用說明 ---

(2. Request Data)

JSON

```
{  
    Oid: "",  
    ApId: "",  
    FuncName: "",  
    Subject: "",  
    Content: "",  
    FaxList: [{Fax:""}],  
    EmailList: [{Email:""}],  
    MobileList: [{Mobile:""}],  
    FileBase: "",  
    MimeType: "",  
    UserType: ""  
}
```

欄位名稱	欄位描述
Oid	政府機關物件識別碼 (Token_User_Info.ORG_ID_P) 發送簡訊須為“OP”或 正式環境
ApId	系統識別碼
FuncName	功能名稱
Subject	主旨 (傳送電子郵件為必要欄位)。
Content	內容 (傳送電子郵件、簡訊、傳真為必要欄位)。
FaxList	傳真號碼 (傳送傳真為必要欄位，十碼數字不含“-”)。
EmailList	電子郵件 (傳送電子郵件為必要欄位)。
MobileList	手機號碼 (傳送簡訊為必要欄位，十碼數字不含“-”)。
FileBase	附件檔案內容，採 Base64 格式。
MimeType	附件檔案的 副檔名 ，若有附件檔案則為必要欄位。 傳送 傳真 時，則副檔名須為 tif 或 tiff 。
UserType	帳號類型 (Token_User_Info.ACCOUNT_TYPE) 須為“ GEN ”

--- MSP 使用說明 ---

(3. Response Data)

```
JSON
{
    Serial: "",
    Sender: "",
    Sent: "",
    TicketID: "",
    ReturnCode: "",
    ReturnDesc: ""
}
```

欄位名稱	欄位描述
Serial	序號
Sender	傳送者
Sent	傳送時間
TicketID	服務識別碼
ReturnCode	回傳代碼(0為成功，其餘為錯誤代碼)
ReturnDesc	回傳說明

--- MSP 使用範例---

(1. Request Data)

```
1. 電子郵件(eMail)
{
    Oid: "2.16.886.101.20003.20001.20003",
    ApId: "",
    FuncName: "",
    Subject: "Test eMail",
    Content: "測試內容",
    FaxList: [],
    EmailList: [{Email:"alex@nec.com.tw"}],
    MobileList: [],
    FileBase: "SUkqAGaHAACAP+BP95QsAP...==",
    MimeType: "docx",
    UserType: "GEN"
}

2. 簡訊(SMS)
{
    Oid: "OP",
    ApId: "",
    FuncName: "",
    Subject: "",
    Content: "測試內容",
    FaxList: [],
    EmailList: [],
    MobileList: [{Mobile:"0953149366"}],
    FileBase: "",
    MimeType: "",
    UserType: "GEN"
}

3. 傳真(FAX)
{
    Oid: "2.16.886.101.20003.20001.20003",
    ApId: "",
    FuncName: "",
    Subject: "",
    Content: "測試內容",
    FaxList: [{Fax:"0285001410"}],
    EmailList: [],
    MobileList: [],
    FileBase: "SUkqAGaHAACAP+BP95QUAP2EAB+QsAP...==",
    MimeType: "tif",
    UserType: "GEN"
}
```

--- MSP 使用範例---
(2. Response Data)

```
{  
    "Serial": "20190723174005780",  
    "Sender": "msp.emic.gov.tw",  
    "Sent": "2019-07-23T17:40:05",  
    "TicketID": "188501",  
    "ReturnCode": "0",  
    "ReturnDesc": "Ok."  
}
```

--- MSP 使用範例---

(3. Request & Response Test)

The screenshot shows the Postman application interface. At the top, there are two tabs: "POST http://10.1.2.164/MSP.API/ms..." and "POST http://10.1.2.164/MSP.API/ms...". The left tab is highlighted with a red box. The title bar says "Postman 測試畫面". The top right has icons for refresh, invite, upgrade, and settings.

The main area shows a POST request to "http://10.1.2.164/MSP.API/msp/SendEmicMail". The "Body" tab is selected, showing JSON data:

```
1 {  
2     "Oid": "2.16.886.101.20003.20001.20003",  
3     "ApId": "",  
4     "FuncName": "",  
5     "Subject": "Test Send eMail",  
6     "Content": "測試內容",  
7     "FaxList": [],  
8     "EmailList": [{Email:"changenosh@yahoo.com.tw"},{Email:"alex-chu@nec.com.tw"}],  
9     "MobileList": [],  
10    "FileBase": "",  
11    "MimeType": "",  
12    "UserType": ""  
13 }
```

This section is labeled "Request" in pink text.

At the bottom, the status bar shows "Status: 200 OK Time: 1101 ms Size: 402 B". Below it, the "Body" tab is selected again, showing the raw JSON response:

```
1 {  
2     "Serial": "20190723174005780",  
3     "Sender": "msp.emic.gov.tw",  
4     "Sent": "2019-07-23T17:40:05",  
5     "TicketID": "188501",  
6     "ReturnCode": "0",  
7     "ReturnDesc": "Ok."  
8 }
```

This section is labeled "Response" in pink text.

--- MSP 使用範例---

(4. Client SampleCode~非同步)

1. Web.config

```
<add key="SendEmicMailUrl" value="http://10.1.2.164/MSP.API/msp/SendEmicMail"/>
<add key="SendEmicSmsUrl" value="http://10.1.2.164/MSP.API/msp/SendEmicSms"/>
<add key="SendEmicFaxUrl" value="http://10.1.2.164/MSP.API/msp/SendEmicFax"/>
```

2. C# Code

```
MessageModel message = new MessageModel();
message.Oid = ConfigurationManager.AppSettings["Oid"];
...
string jsonString = JsonConvert.SerializeObject(message);
// a. Send eMail
using (HttpContent httpContent = new StringContent(jsonString, Encoding.UTF8, "application/json"))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicMailUrl"], httpContent);
    Console.WriteLine(await response.Content.ReadAsStringAsync());
}
// b. Send SMS
using (HttpContent httpContent = new StringContent(jsonString, Encoding.UTF8, "application/json"))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicSmsUrl"], httpContent);
    Console.WriteLine(await response.Content.ReadAsStringAsync());
}
// c. Send FAX
using (HttpContent httpContent = new StringContent(jsonString, Encoding.UTF8, "application/json"))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicFaxUrl"], httpContent);
    Console.WriteLine(await response.Content.ReadAsStringAsync());
}
```

--- MSP 相 關 紀 錄 ---

- 2019/9/5會議討論~發送**權限**由程式檢核
送出的Request

```
{  
    Oid: "OP" ,  
    ....  
    UserType: "GEN"  
}
```