

MSP

訊息服務平台

Alex

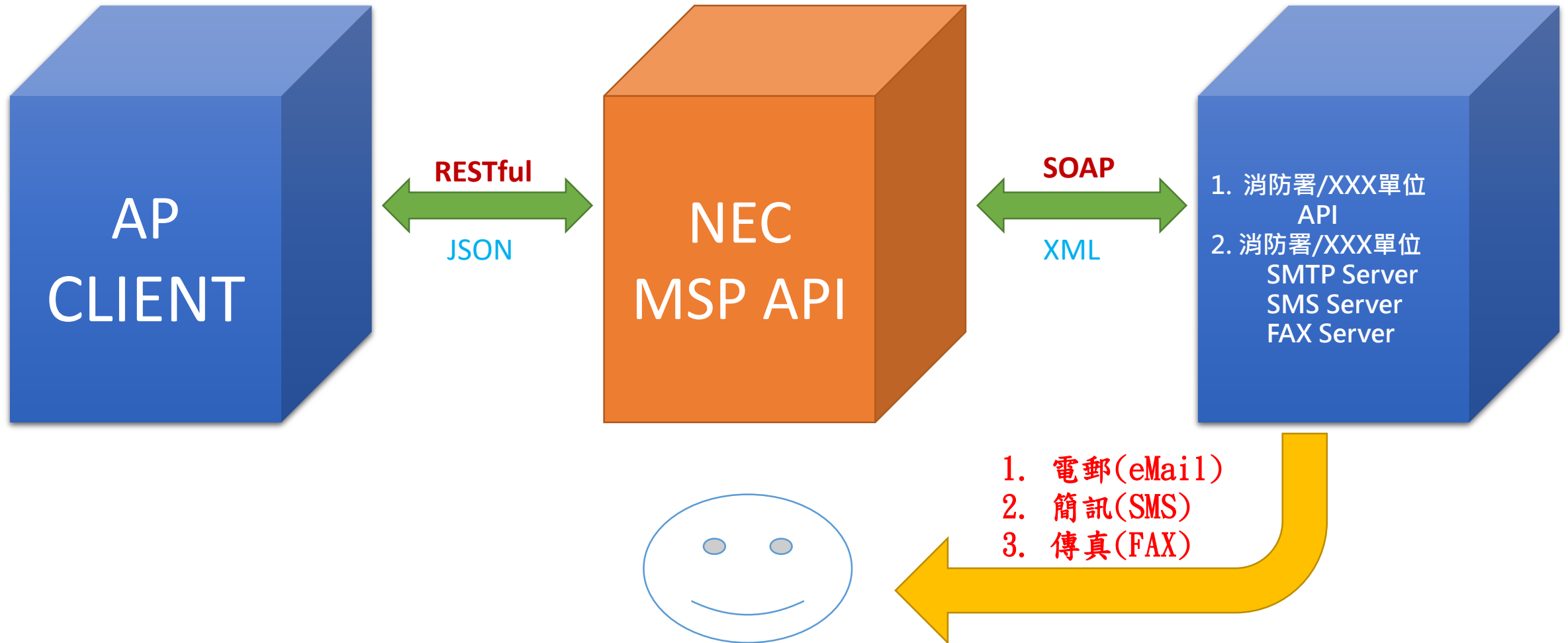
First: 2019. 7. 23

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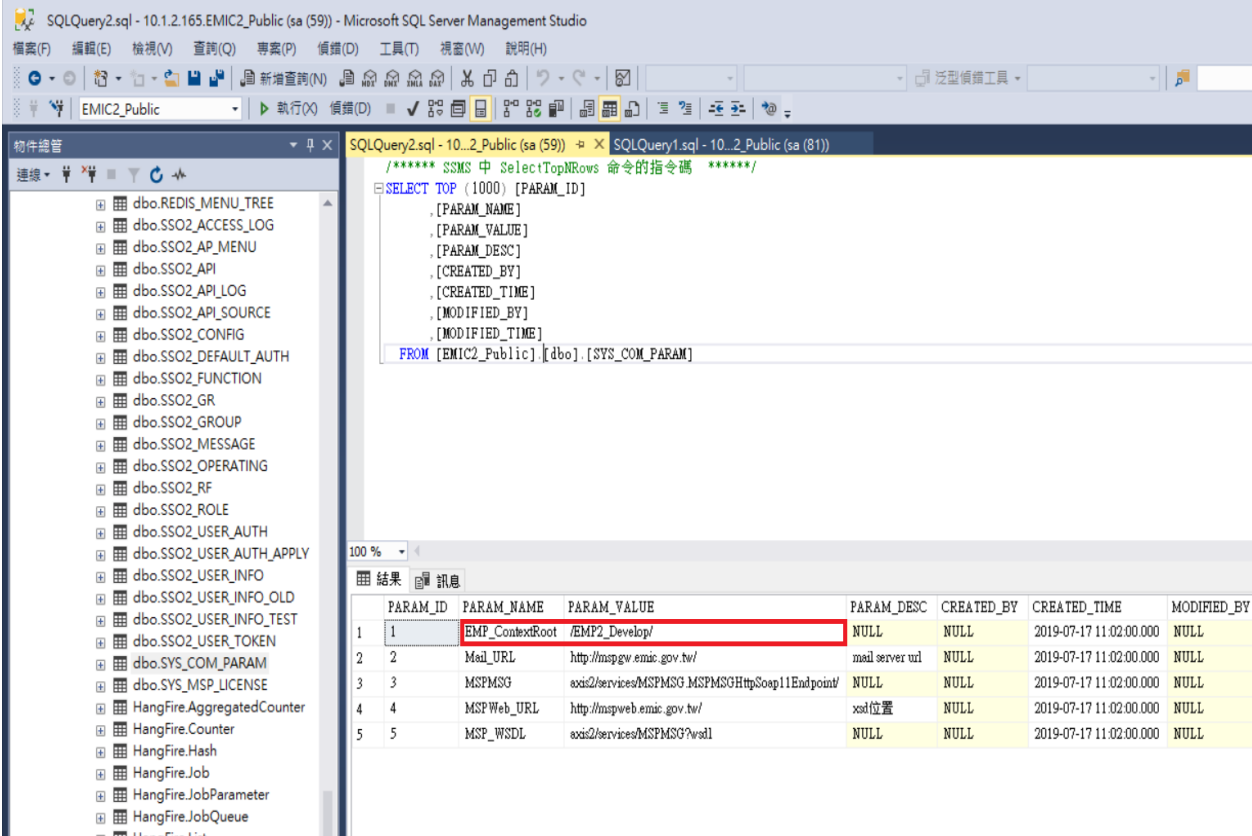
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--- MSP 架構 ---



--- MSP DB --- (EMIC2_Public)

1. SYS_COM_PARAM



SQLQuery2.sql - 10.1.2.165.EMIC2_Public (sa (59)) - Microsoft SQL Server Management Studio

```
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]
```

PARAM_ID	PARAM_NAME	PARAM_VALUE	PARAM_DESC	CREATED_BY	CREATED_TIME	MODIFIED_BY
1	EMP_ContextRoot	/EMP2_Develop/	NULL	NULL	2019-07-17 11:02:00.000	NULL
2	Mail_URL	http://mspgw.emic.gov.tw/	mail server url	NULL	2019-07-17 11:02:00.000	NULL
3	MSPMSG	axis2/services/MSPMSG MSPMSGHttpSoap11Endpoint/	NULL	NULL	2019-07-17 11:02:00.000	NULL
4	MSPWeb_URL	http://mspweb.emic.gov.tw/	web位置	NULL	2019-07-17 11:02:00.000	NULL
5	MSP_WSDL	axis2/services/MSPMSG?wsdl	NULL	NULL	2019-07-17 11:02:00.000	NULL

PARAM_NAME

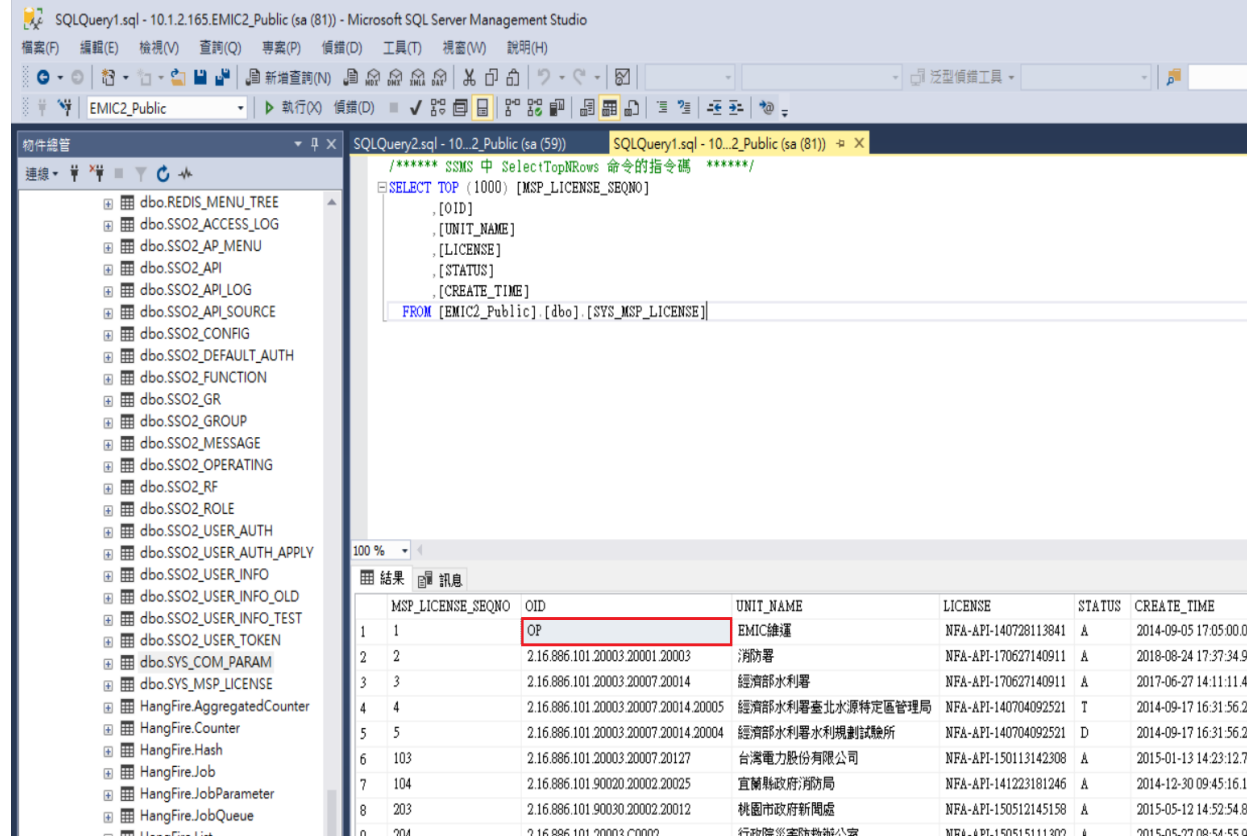
EMP_ContextRoot

PARAM_VALUE

/EMP2_Develop/ ==> 開發環境

/EMP2/ =====> 正式環境

2. SYS_MSP_LICENSE



SQLQuery1.sql - 10.1.2.165.EMIC2_Public (sa (81)) - Microsoft SQL Server Management Studio

```
SELECT TOP (1000) [MSP_LICENSE_SEQNO]
, [OID]
, [UNIT_NAME]
, [LICENSE]
, [STATUS]
, [CREATE_TIME]
FROM [EMIC2_Public].[dbo].[SYS_MSP_LICENSE]
```

MSP_LICENSE_SEQNO	OID	UNIT_NAME	LICENSE	STATUS	CREATE_TIME
1	OP	EMIC總匯	NFA-API-140728113841	A	2014-09-05 17:05:00.0
2	2	消防署	NFA-API-170627140911	A	2018-08-24 17:37:34.9
3	3	經濟部水利署	NFA-API-170627140911	A	2017-06-27 14:11:11.4
4	4	經濟部水利署臺北水源特定區管理局	NFA-API-140704092521	T	2014-09-17 16:31:56.2
5	5	經濟部水利署水利規劃試驗所	NFA-API-140704092521	D	2014-09-17 16:31:56.2
6	103	台灣電力股份有限公司	NFA-API-150113142308	A	2015-01-13 14:23:12.7
7	104	宜蘭縣政府消防局	NFA-API-141223181246	A	2014-12-30 09:45:16.1
8	203	桃園市政府新聞處	NFA-API-150512145158	A	2015-05-12 14:52:54.8
9	204	行政院參事辦公室	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)

Postman測試畫面

POST http://10.1.2.164/MSP.API/msp/SendEmicMail

URL

Send Save

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

none form-data x-www-form-urlencoded raw binary GraphQL BETA JSON (application/json) Beautify

Request

```
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 }
```

Body Cookies Headers (9) Test Results

Status: 200 OK Time: 1101 ms Size: 402 B Save Download

Pretty Raw Preview 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."
```

--- 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 (HttpClient httpClient = new HttpClient(new StringContent(jsonString, Encoding.UTF8, "application/json")))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicMailUrl"], httpClient.Content);
    Console.WriteLine(await response.Content.ReadAsStringAsync());
}
// b. Send SMS
using (HttpClient httpClient = new HttpClient(new StringContent(jsonString, Encoding.UTF8, "application/json")))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicSmsUrl"], httpClient.Content);
    Console.WriteLine(await response.Content.ReadAsStringAsync());
}
// c. Send FAX
using (HttpClient httpClient = new HttpClient(new StringContent(jsonString, Encoding.UTF8, "application/json")))
{
    HttpResponseMessage response = await httpClient.PostAsync(ConfigurationManager.AppSettings["SendEmicFaxUrl"], httpClient.Content);
    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"  
}
```