# 客服 - 修改會員資料

Purpose

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客服人員會從其系統介面協助用戶修改會員資料，當修改部分會員資料時，為維持資料一致性，須一併修改T24的用戶資料。

## Goal

共四個欄位

1. **使用者代號**
2. **手機**
3. **email**
4. **通訊地址**

提供一隻修改會員資料的API，修改後除了更新中台DB，也要一併更新T24的對應欄位。

1. 使用者代號 <- 原本就僅存在於中台

2. 手機、email、通訊地址 <- 核心CIF也有，所以透過中台API，更新中台資料後再更新CIF

3. 戶籍地址更新memberprofile，不更新CIF

# Entry Point

Method: POST

URI: /intranet/api/v1.0/member/UpdateMemberInfo

# Request

| 欄位名稱 | 型態 | 必填/選填 | 說明 |
|---|---|---|---|
| cifNo | String | M | CIFNo |
| chineseName | String | O | 中文姓名 |
| pid | String | O | 身分證字號 |
| phone | String | O | 手機 |
| email | String | O | email |
| maillingCity | String | O | 通訊地址-縣市 |
| mailingDistrict | String | O | 通訊地址-鄉鎮市區 |
| mailingAddress | String | O | 通訊地址-地址 |
| mailingPostalCode | String | O | 通訊地址-郵遞區號 |
| residentCity | String | O | 戶籍地址-縣市 |
| residentDistrict | String | O | 戶籍地址-鄉鎮市區 |
| residentAddress | String | O | 戶籍地址-地址 |
| residentPostalCode | String | O | 戶籍地址-郵遞區號 |

# 程式邏輯

1. 判斷cifNo是否有值，若無值，回傳Error
2. 判斷Request中，那些Data有值，且非為空字串
   a. 若 rq.email 有帶且不為空值，檢查Email是否為一；如果不唯一，吐 EMAIL_IS_EXIST
      i. 資料表：Member.MemberProfile
   b. 若 rq.phone 有帶且不為空值，call CU18_CustIdntIn（Email(手機)查詢）
      i. CustInfo.CustPermId 有值，吐 error PHONE_IS_EXIST
3. 使用要更新的資料，呼叫DataProvider，更新DB 會員檔
4. 如果 residentCity 有值 or residentDistrict有值 or residentAddress有值 or residentPostalCode 有值，不用呼叫 CU20
5. 上述條件以外 ：
   a. 針對手機號碼修改，需要先修改主帳戶呼叫以下ESB：
      i. 先針對cifNo，到MemberProfile拿到mainaccount
      ii. 利用mainaccount，去call CU17，CU17的AcctId ＝主帳號

iii. 利用CU17回覆的CustSummInfo.AcctRec[0].ArrngId，取呼叫DA21

**DA21 Request**

```json
{
    "amheader": {
        "ChannelID": "BMD",
        "ServiceDomain": "DepositAccount",
        "OperationName": "AcctInfoMod",
        "ConsumerID": "TWBMD",
        "TransactionID": "T1222222",
        "RqTimestamp": "2015-12-06T12:01:01.00+08:00"
    },
    "ambody": {
        "AcctInfoModRq": {
            "ServiceHeader": {
                "TxnId": "DA21",
                "TxnNo": "DA2100001"
            },
            "Signon": {
                "CustId": "ESBUSER"
            },
            "ServiceBody": {
                "ArrngId": {{CU17.CustSummInfo.AcctRec[0].ArrngId}},
                "ProdName": "AC.DIGITAL.SAV",
                "MobAcctNoRec": [
                    {
                        "MobAcctNo": {{request.phone}}
                    }
                ]
            }
        }
    }
}
```

b. 使用要更新的資料，呼叫 call CU20_CustProfSync（同步異動CIF資料）

c. CU20範例, 以下任一系統修改失敗, 中台視為修改失敗

    i. CU20Response.CMSRsRec.RtrnCode != "00"，視為修改失敗

    ii. CU20Response.DCSRsRec.RtrnCode != "00"，視為修改失敗

## CU20 Request

```json
{
    "amheader": {
        "ChannelID": "APP",
        "ServiceDomain": "Customer",
        "OperationName": "CustProfSync",
        "ConsumerID": "TWAPP",
        "TransactionID": "BMD-CU20-2020120715273258a6",
        "RqTimestamp": "2020-12-07T15:27:32.476318"
    },
    "ambody": {
        "CustProfSyncRq": {
            "ServiceHeader": {
                "TxnId": "CU20",
                "TxnNo": "BMD-CU20-2020120715273258a6"
            },
            "Signon": {
                "CustId": "ESBUSER"
            },
            "ServiceBody": {
                "CustProfInfo": {
                    "CIFNo": "1000000504",
                    "CntctDtlsInfo": [
                        {
                            "MobNo": {{req.newPhoneNumber}}
                        }
                    ]
                }
            }
        }
    }
}
```

## CU20 Reponse

```json
{
    "amheader": {
        "ChannelID": "APP",
        "ServiceDomain": "Customer",
        "OperationName": "CustProfSync",
        "ConsumerID": "TWAPP",
        "TransactionID": "BMD-CU20-2020120715273258a6",
        "TrackingID": "0c33f5ab-71fc-46c5-9c52-2517c33a7970",
        "UUID": "1b17fbee-b07e-4d51-8684-71df0df4789cXANWXgUOBAhd",
        "RqTimestamp": "2020-12-07T15:27:32.476318",
        "RsTimestamp": "2020-12-10T11:42:25.776+08:00"
    },
    "ambody": {
        "CustProfSyncRs": {
            "ServiceHeader": {
                "TxnId": "CU20",
                "TxnNo": "BMD-CU20-2020120715273258a6",
                "SvcVer": "v1.37"
            },
            "Signon": {
                "CustId": "ESBUSER"
            },
            "ServiceBody": {
                "RtrnStatCode": [
                    {
                        "RtrnCode": "200",
                        "RtrnDesc": "{success}"
                    }
                ],
                "CMSRsRec": {
                    "RtrnCode": "0899",
```

```
                    "RtrnDesc": "Provider General Service Error"
                },
                "DCSRsRec": {
                    "RtrnCode": "0899",
                    "RtrnDesc": "Provider General Service Error"
                },
                "HeaderInfo": {
                    "Id": "1000000504",
                    "TxnStat": "Live",
                    "Audit": {
                        "T24Time": "1277",
                        "VersionNo": "11",
                        "ReqParseTime": "1",
                        "ResParseTime": "1"
                    }
                },
                "CustInfo": {
                    "CustEngName": "QQQQQQQQQQ",
                    "CustChnName": "",
                    "CustShrtNameInfo": [
                        {
                            "CustShrtName": "QQQQQQQQQQ"
                        }
                    ],
                    "Mnem": "Q223400308",
                    "AOEmplNo": "1",
                    "Sctr": "1000",
                    "Indstry": "1000",
                    "Tgt": "1",
                    "CustStat": "1",
                    "Natl": "TW",
                    "Res": "TW",
                    "Lang": "2",
                    "CustPermId": "Q223400308",
                    "CntctDtlsInfo": [
                        {
                            "MobNo": "0975719445",
                            "eMailAddr": "woowootsai03@gmail.com"
                        }
                    ],
                    "BirthDay": "19930513",
                    "Gndr": "FEMALE",
                    "MrtlStat": "SINGLE",
                    "NCBExtSysRec": [
                        {
                            "NCBExtSysId": "BMD",
                            "NCBExtCustId": "MEM8787da34270511eb9097005056a21f74"
                        }
                    ],
                    "ImgRec": [
                        {
                            "ImgLoc": "CTM_BMD_OA0c7a6370270511eb99c0005056a21f74_ID1",
                            "ImgRefNo": "ocr4f6ae238a1874b769e59316ef6cd9a59"
                        },
                        {
                            "ImgLoc": "CTM_BMD_OA0c7a6370270511eb99c0005056a21f74_ID1",
                            "ImgRefNo": "ocr871373174b694c77b4468905d7cb593b"
                        },
                        {
                            "ImgLoc": "CTM_BMD_OA0c7a6370270511eb99c0005056a21f74_ID2",
                            "ImgRefNo": "ocr50f16ad873d644798b9017eca10763e3"
                        }
                    ],
                    "AcctOpnRsnRec": [
                        {
                            "AcctOpnRsn": "1"
                        }
                    ],
                    "IndstryType": "060000",
                    "IndstryObj": "060000",
                    "MailAddr": [
```

```
                                {
                                    "AddrZip": "613",
                                    "Addr": "210",
                                    "TownCnty": "",
                                    "Cntry": ""
                                }
                            ],
                            "DgtlAcctVrfy": "2566-19930506",
                            "IBMBIndstryType": "16551",
                            "IndstryCode": "30020",
                            "PIDIssStat": "3",
                            "PIDIssLoc": "10010000",
                            "PIDIssDate": "20060502",
                            "NHIFlg": "Y",
                            "Rsdnt183Flg": "Y",
                            "RsdntAddr": {
                                "AddrZip": "613",
                                "Addr": "88",
                                "TownCnty": "",
                                "Cntry": ""
                            },
                            "PostRsnRec": [
                                {
                                    "PostRsn": "/165"
                                }
                            ],
                            "PostRstrctCodeRec": [
                                {
                                    "PostRstrctCode": "18"
                                }
                            ],
                            "UpdtDateRec": [
                                {
                                    "UpdtDate": "10 DEC 2020 11:42:16"
                                }
                            ],
                            "IPAddr": "0.0.0.0",
                            "EntryDeptCode": "TW8230001",
                            "VerName": "CUSTOMER,ST.API.BASIC.NCB.1.0.0",
                            "Chan": "APP"
                        }
                    }
                }
            }
        }
    }
}
```

## Request Example

```
{
  "cifNo": "0123456789",
  "email": "abc@def.com",
  "mailingAddress": "Zhongzheng Road",
  "mailingDistrict": "Zhongzheng District",
  "mailingPostalCode": 111,
  "maillingCity": "taipei",
  "phone": "0912345678"
}
```

# Response

無

## 成功

| 欄位名稱 | 中文名稱 | 欄位 | 說明 | 值 |
|---|---|---|---|---|
| success | 執行結果 | boolean | false | true |
| data | 回應資訊 | object | | |

### Response Success Example

```
{
    "success": true, // true
    "data": {

    }
}
```

## 失敗

| 欄位名稱 | 中文名稱 | 欄位 | 說明 | 值 |
|---|---|---|---|---|
| success | 執行結果 | boolean | false | false |
| error | 回應資訊 | object | | |
| errorCode | 錯誤代碼 | string | 檔案刪除錯誤時的代碼 | |
| errorMessage | 錯誤訊息 | string | 檔案刪除錯誤時的錯誤訊息 | |

### Response Fail Example

```
{
  "success": false, // false
  "error": {
    "errorCode": string, //  e.g: "ORDER_NOT_FOUND" or "10001"
    "errorMessage": string // e.g: "The member does not found"
  }
}
```

# ESB Targets

## CU20_CustProfSync（同步異動CIF資料）

TxnId : CU20

ServiceDomain : Customer

OperationName : CustProfSync

# Error Code

| 代碼 | 說明 |
| --- | --- |
| PHONE_IS_EXIST | 手機號碼已存在 |
| EMAIL_IS_EXIST | 信箱已存在 |

| Table 名稱 | Schema |
| --- | --- |
| 會員表 | Member.MemberProfile |