**Gateway API Specification V1**

**Base URL**

|  |  |
| --- | --- |
| **Service** | **URL** |
| **測試版** | **http://{Server\_IP:Port}/test/v1/** |
| **正式版** |  |

## **Servr\_IP: 192.168.1.133**

**Port: 9000**

1. **新增資料**

/account\_create : 帳號建立

## **Request**

|  |  |  |
| --- | --- | --- |
| Method | URL | Description |
| POST | Base URL/account\_create |  |

## **Header**

|  |  |  |  |
| --- | --- | --- | --- |
| Method | 方式 | 屬性 | 內容 |
| \* | HTTP Head | Content-Type | application/json |

## **Parameter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Field | Required/  Optional | Type | Description |
| POST | DB\_User | Required | Varchar(255) | 使用者名稱 |
| DB\_Password | Required | Varchar(255) | 使用者密碼(jason) |
| Refresh\_Number | Required | int | 資料庫緩衝資料量 (jason) |
|  | DB\_IP | Optional | Varchar(255) | 資料庫ip位置 (jason) |
|  | DB\_PORT | Optional | Varchar(255) | 資料庫 port 位置 |
|  | Backend\_Api\_Url | Optional | varchar(255) | 後台 Api 位置 |
|  | 範例：(json)  {  "DB\_UserName": "root"  "DB\_Password": "880117qazwsX/"  "Refresh\_Number": "100000"  "DB\_IP": "172.18.0.1" (default)  "DB\_PORT": "5000" (default)  "Backend\_Api\_Url": "<http://192.168.1.133:9000/ocms/api/insertSensorData>" (default)  } | | | |

## **Response**

|  |  |  |
| --- | --- | --- |
| Status Code | Body | Description |
| 200 | {"新增帳號成功"} | 設定成功 |
| 400 | error：錯誤詳細訊息(例：新增失敗,更改失敗...等等)  code：錯誤碼(Debug用)  範例：  {  "error": "data error",  "code": "modify\_01"  }   |  |  |  | | --- | --- | --- | | code | error | Description | | modify\_01 | format error | 資料格式錯誤 | | add\_01 | password undefined | password 欄位無定義 | | sys\_01 | transmission error | 傳輸過程錯誤 | | 讀取失敗 |

1. **更新資料**

/account\_update : 帳號更新

## **Request**

|  |  |  |
| --- | --- | --- |
| Method | URL | Description |
| POST | Base URL/account\_update |  |

## **Header**

|  |  |  |  |
| --- | --- | --- | --- |
| Method | 方式 | 屬性 | 內容 |
| \* | HTTP Head | Content-Type | application/json |

## **Parameter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Field | Required/  Optional | Type | Description |
| POST | DB\_User | Required | Varchar(255) | 使用者名稱 |
| DB\_Password | Required | Varchar(255) | 使用者密碼(jason) |
| Refresh\_Number | Required | int | 資料庫緩衝資料量 (jason) |
|  | DB\_IP | Optional | Varchar(255) | 資料庫ip位置 (jason) |
|  | DB\_PORT | Optional | Varchar(255) | 資料庫 port 位置 |
|  | Backend\_Api\_Url | Optional | varchar(255) | 後台 Api 位置 |
|  | 範例：(json)  {  "DB\_UserName": "root"  "DB\_Password": "880117qazwsX/"  "Refresh\_Number": "100000"  "DB\_IP": "172.18.0.1" (default)  "DB\_PORT": "5000" (default)  "Backend\_Api\_Url": "<http://192.168.1.133:9000/ocms/api/insertSensorData>" (default)  } | | | |

## **Response**

|  |  |  |
| --- | --- | --- |
| Status Code | Body | Description |
| 200 | {"更新帳號成功"} | 設定成功 |
| 400 | error：錯誤詳細訊息(例：新增失敗,更改失敗...等等)  code：錯誤碼(Debug用)  範例：  {  "error": "data error",  "code": "modify\_01"  }   |  |  |  | | --- | --- | --- | | code | error | Description | | modify\_01 | format error | 資料格式錯誤 | | add\_01 | password undefined | password 欄位無定義 | | sys\_01 | transmission error | 傳輸過程錯誤 | | 讀取失敗 |

1. **取得預設資料**

/account\_get\_default : 取得帳號預設資料

## **Request**

|  |  |  |
| --- | --- | --- |
| Method | URL | Description |
| GET | Base URL/account\_get\_default |  |

## **Header**

|  |  |  |  |
| --- | --- | --- | --- |
| Method | 方式 | 屬性 | 內容 |
| \* | HTTP Head | Content-Type | application/json |

## **Response**

|  |  |  |
| --- | --- | --- |
| Status Code | Body | Description |
| 200 | 範例：(json)  {  "DB\_UserName": "root"  "DB\_Password": "880117qazwsX/"  "Refresh\_Number": "100000"  "DB\_IP": "172.18.0.1" (default)  "DB\_PORT": "5000" (default)  "Backend\_Api\_Url": "<http://192.168.1.133:9000/ocms/api/insertSensorData>" (default)  } | 設定成功 |
| 400 | error：錯誤詳細訊息(例：新增失敗,更改失敗...等等)  code：錯誤碼(Debug用)  範例：  {  "error": "data error",  "code": "modify\_01"  }   |  |  |  | | --- | --- | --- | | code | error | Description | | modify\_01 | format error | 資料格式錯誤 | | add\_01 | password undefined | password 欄位無定義 | | sys\_01 | transmission error | 傳輸過程錯誤 | | 讀取失敗 |