

# User Sync Integration API

## Basic Authentication

The REST API identifies its user with **HTTP Basic Authentication**. That is, if a function requires authentication, then it requires the *Authorization* HTTP header, which must be as follows:

```
Authorization: Basic <userPasswordBase64>
```

where <userPasswordBase64> is the base64 encoding of <user>:<password>.

For instance, suppose you need to call a function with user="myuser" and password="mypassword". You need to base64-encode the string "myuser:mypassword", which is "bXl1c2VyOm15cGFzc3dvcmQ=", obtaining the following HTTP header:

```
Authorization: Basic bXl1c2VyOm15cGFzc3dvcmQ=
```

## Start users sync

Starts users synchronization.

## Resource URL

POST fw/Apps/ApplicationSuite/WebAPI/UsersManagement/Sync/Start

## Resource Information

- Request Content-Type: -
- Response Content-Type: -
- Requires authentication: Yes

## URL Parameters

None

## Request body

None

## Response

### 202 Accepted

Synchronization has started and will run asynchronously using sync sources manually configured and enabled in Imagicle Application Suite Web interface.

## Error response

### 401 Unauthorized

- No authentication provided
- Wrong credentials

### 403 Forbidden

Insufficient privilege level

### 409 Conflict

Users synchronization is disabled

### 503 Service Unavailable

User synchronization is already in progress

### 504 Gateway Timeout

Synchronization service is down

### Examples

Start users synchronization on host ias.contoso.com as user admin/admin.

HTTP:

```
POST /fw/Apps/ApplicationSuite/WebAPI/UsersManagement/Sync/Start HTTP/1.1
Host: ias.contoso.com
Authorization: Basic YWRtaW46YWRtaW4=
```

cURL:

```
curl -X POST \
  http://ias.contoso.com/fw/Apps/ApplicationSuite/WebAPI/UsersManagement/Sync/Start \
  -H 'authorization: Basic YWRtaW46YWRtaW4='
```