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# Subscription API



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## Overview

The Subscription module from the Connect graphical user interface represents **Assets Management Module** on the Connect API. Subscriptions from the graphical user interface are displayed as **Assets** as well as **Subscriptions**. Furthermore, note that Fulfillment Requests are presented as **Requests** and **Asset Request**. Refer to Connect REST API for more information about the Connect API.



### Recommended Polling Period

In general, the automation script periodically polls for changed data. Thus, it is recommended to process fulfillment queue every 2~5 minutes. Namely, less frequent than 2 minutes (to reduce load on the API queue) and not longer than 5 minutes (to limit order completion time). The polling frequency depends on business requirements for how quickly requests queue changes should be reflected in your systems and it also depends on the Service-level Agreements defined by Providers.

The following provides detailed description of the Subscription (Assets) Management Module API.

## Get Requests List

<b>Resource</b>	/requests
<b>Method</b>	GET
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>
<b>Filter(s)</b>	status, created, asset_id, product_id, type, asset.connection.hub.id, asset.connection.provider.id, asset.tiers.customer.id, asset.connection.type
<b>Default Filter(s)</b>	status='pending'
<b>Ordering</b>	-
<b>Default Ordering</b>	created (ascending)
<b>Limit</b>	-

<b>Default limit</b>	1000
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**Response** body:

Content-Type: application/json

```
[ request_obj1,
  request_obj2,
  request_obj3
]
```

**Get Request Details**

<b>Resource</b>	/requests/{id}
<b>Method</b>	GET
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>
<b>Filter(s)</b>	-
<b>Default Filter(s)</b>	-
<b>Ordering</b>	-
<b>Default Ordering</b>	-
<b>Limit</b>	-
<b>Default limit</b>	-

**Response** body:

Content-Type: application/json

```
{
```

```

"id": "PR-9861-7949-8492",
"type": "purchase",
"created": "2018-06-04T13:19:10.102670+00:00",
"updated": "2018-06-04T13:19:10.102670+00:00",
"status": "pending",

"asset": {

  "id": "AS-9861-7949-8492",
  "external_id": "12435 #OSA Subscription Id",

  "product": {
    "id": "CN-9861-7949-8492",
    "name": "Fallball Awesone"
  },

  "connection": {
    "id": "CT-9861-7949-8492",
    "type": "production",

    "provider": {
      "name": "Ingram Micro Prod DA",
      "id": "PA-9861-7949-849"
    },

    "vendor": {
      "name": "Large Largo and Co",
      "id": "VA-9861-7949-849"
    }
  },

  "items": [{
    "global_id": "PR-9861-7949-8492-001",
    "id": "SKU-9861-7949-8492-0001",
    "mpn": "TEAM-ST3L2TAC1M",
    "quantity": "3",
    "old_quantity": ""
  },
  {
    "global_id": "PR-9861-7949-8492-002",
    "id": "SKU-9861-7949-8492-0002",
    "mpn": "USR-FFFAC1M",
    "quantity": "1",
    "old_quantity": ""
  }
],

```

```

"params": [{
  "id": "PM-9861-7949-8492-0001 #AUTOGEN #PRODUCT",
  "name": "Secondary email",
  "description": "This is a backup email for emergency",
  "value": "daniel.lark@gmail.com",
  "value_error": "This address is already used. Try another.",
  "value_choices": ""
}],

"tiers": {
  "customer": {
    "id": "CS-9861-7949-8492",
    "external_id": "12435 #OSA Account Id",
    "account_name": "string",
    "contact_info": {
      "address_line1": "Yalı Mahallesi",
      "address_line2": "",
      "city": "Erdek",
      "state": "string",
      "postal_code": "10500",
      "country": "tr",
      "contact": {
        "first_name": "Quickstart",
        "last_name": "Long Running Operation",
        "email": "qlro@softcom.com",
        "phone_number": {
          "country_code": "+90",
          "area_code": "546",
          "phone_number": "6317546",
          "extension": ""
        }
      }
    }
  },

  "tier1": {
    "id": "RS-9861-7949-8492",
    "external_id": "12435 #OSA Account Id",
    "account_name": "string",
    "contact_info": { ...
  }
},

  "tier2": {
    "id": "RS-9861-7949-8492",
    "external_id": "12435 #OSA Account Id",

```

```

    "account_name": "string",
    "contact_info": { ...
  }
},

"marketplace": {
  "id": "MP-9861-7949-8492",
  "name": "Ingram Micro Cloud United",
  "external_id": "12435 #OSA Account Id",
  "account_name": "string",
  "contact_info": { ...
}
}
}
}

```

---

## Modify Request Data

<b>Resource</b>	/requests/{id}
<b>Method</b>	PUT (Partial Update)
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>
<b>Filter(s)</b>	-
<b>Default Filter(s)</b>	-
<b>Ordering</b>	-
<b>Default Ordering</b>	-
<b>Limit</b>	-
<b>Default limit</b>	-

### Request body:

Content-Type: application/json

```

{
  "asset": {
    "params": [
      {
        "id": "PM-9861-7949-8492-0001",
        "name": "Secondary email",
        "description": "This is a backup email for emergency",
        "value": "daniel.lark@example.com", // MODIFICATION ALLOWED
        "value_error": "Invalid address. Try another.", // MODIFICATION ALLOWED
        "value_choices": []
      },
      {
        "id": "PM-9861-7949-8492-0002",
        "name": "Secondary email",
        "description": "This is a backup email for emergency",
        "value": "daniel.lark@example.com", // MODIFICATION ALLOWED
        "value_error": "Invalid address. Try another.", // MODIFICATION ALLOWED
        "value_choices": []
      }
    ]
  }
}

```

**Response body:**

Content-Type: application/json

```

[ request_obj1,
  request_obj2,
  request_obj3
]

```

**Change Request Status**

<b>Resource</b>	/requests/{id}/{new_status}
<b>Method</b>	POST
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>
<b>Filter(s)</b>	-

<b>Default Filter(s)</b>	-
<b>Ordering</b>	-
<b>Default Ordering</b>	-
<b>Limit</b>	-
<b>Default limit</b>	-

### Status change to Approve

<b>Resource</b>	/requests/{id}/ <b>approve</b>
<b>Method</b>	POST
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>

#### Request body with the **Activation Template ID**:

Content-Type: application/json

```
{
  "template_id": "{activation_template_id}"
}
```

#### Request body with the **Raw Markdown**:

Content-Type: application/json

```
{
  "activation_tile": "markdown text up to 4096 symbols"
}
```

### Status change to Fail



<b>Resource</b>	/requests/{id}/fail
<b>Method</b>	POST
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>

**Request** body:

Content-Type: application/json

```
{
  "reason": "markdown string up to 4096 symbols"
}
```

**Status change to Inquire**

<b>Resource</b>	/requests/{id}/inquire
<b>Method</b>	POST
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>

**Request** body:

Content-Type: application/json

```
{}
```

**Response** body:

Content-Type: application/json

```
{ request_obj }
```

**Status change to Pend**

<b>Resource</b>	/requests/{id}/ <b>pend</b>
<b>Method</b>	POST
<b>Header</b>	Authorization: ApiKey <key_id>:<key_secret>

**Request** body:

Content-Type: application/json

{}


**Response** body:

Content-Type: application/json


Response Code: 204 No Content

{}

**REST API Methods**







## Connect Swagger



Specs URL: <https://apispec.connect.cloudblue.com/connect-openapi30.yml>

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**Version:**   
**Download:**   
**Open:**   
**Description:** 

Tags: 

Playground

 Disabled

Models

 Hidden

Path prefixes:

/assets\*

/requests\*