API Documentation

# Introduction

In this application, we are scrapping the “cci\_orders\_section43a\_44” and “cci\_orders\_section31” datas from the CCI website on a daily basis and storing those data in the database. The data from the database is retrieved through the API interface. Please refer to the below steps to retrieve the data using the API Interface.

# Objective

API is the acronym for application programming interface — a software intermediary that allows two applications to talk to each other. APIs are an accessible way to extract and share data within and across organizations.

# Supported API function

**GetOrderDateViewSection43and44**

## HTTP Method: GET

**Combinations orders Section 43A and 44 URL:**

http://127.0.0.1:8000/api/v1/cci\_orders\_section43a\_44/get/?date=2024-06-03&limit=5&offset=1

# Description:

The GetOrderDateViewSection43and44 function allows you to get the data from the given date

and source\_name.

The date format should be in “yyyy-mm-dd” For example, if we give 2024-06-03. It will return the

data from that date only.

The source\_name should be in <str:source\_name >

A link has been provided at the end of the response   -“ total\_pdf\_download\_link“  which  provides a zip file of   all the pdf  received as output from the particular parameters given as input (source\_name, date, limit, offset). Also pdf file is downloaded as respective folder wise in zipfile.

For example following folder structure is downloaded. “cci\_43\\2023\\Aug\\order1692268675.pdf"

**For example**

In this application, we are scrapping the “cci\_orders\_section43a\_44” data.

It will return the data from the source chosen (“cci\_orders\_section43a\_44”).

**GetOrderDateViewSection31**

## HTTP Method: GET

**Combinations orders Section 31 / Form III URL:**

<http://127.0.0.1:8000/api/v1/section31_formIII/Approved/get/?date=2024-05-31&limit=5&offset=1>

# Description:

The GetOrderDateViewSection31 function allows you to get the data from the given date and source\_name and status. The date format should be in “yyyy-mm-dd” For example, if we give 2024-05-31. It will return the data from that date only.

The source\_name should be in <str:source\_name >

The status should be in <str: status >

A link has been provided at the end of the response   -“ total\_pdf\_download\_link“  which  provides a zip file of   all the pdf  received as output from the particular parameters given as input (source\_name, status, date, limit, offset). Also pdf  file is downloaded as respective folder wise in zipfile.

For example following folder structure is downloaded. "\\section31\\2023\\Dec\\order1710480097.pdf"

**For example**

In this application, we are scrapping the “section31\_formIII” and “Approved” data.

It will return the data from the source\_name and status chosen (“section31\_formIII”,”Approved”).

**Status types:**

'Deemed approved (Regulation 5A)'

[http://127.0.0.1:8000/api/v1/section31\_formIII/Deemed approved (Regulation 5A) /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Deemed%20approved%20(Regulation%205A)%20/get/?date=2024-05-31&limit=200&offset=1001)

'Approved'

[http://127.0.0.1:8000/api/v1/section31\_formIII/Approved /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Approved%20/get/?date=2024-05-31&limit=200&offset=1)

**'Notice Not Valid',**

[http://127.0.0.1:8000/api/v1/section31\_formIII/Notice Not Valid /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Notice%20Not%20Valid%20/get/?date=2024-05-31&limit=200&offset=1)

**'Approved with modification'**

[http://127.0.0.1:8000/api/v1/section31\_formIII/Approved with modification /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Approved%20with%20modification%20/get/?date=2024-05-31&limit=200&offset=1)

**'No AAEC'**

[http://127.0.0.1:8000/api/v1/section31\_formIII/No AAEC /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/No%20AAEC%20/get/?date=2024-05-31&limit=200&offset=1)

**'Notice withdrwan'**

[http://127.0.0.1:8000/api/v1/section31\_formIII/Noticewithdrawn /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Noticewithdrawn%20/get/?date=2024-05-31&limit=200&offset=1)

**'Transaction called off'**

[http://127.0.0.1:8000/api/v1/section31\_formIII/Transaction called off /get/?date=2024-05-31&limit=200&offset=100](http://127.0.0.1:8000/api/v1/section31_formIII/Transaction%20called%20off%20/get/?date=2024-05-31&limit=200&offset=1001)

We can choose above status types in <str:status >

## 

## Request Parameters:

### Parameter Name Description

Date The Date format should be in "yyyy-mm-dd".

Limit Number of data should be returned as per the user.

Offset

Used to eliminate a set of records from a given table in order to retrieve a set of records according to the requirement of the database.

### Note:

If nothing is provided in the Limit and Offset field it takes the default Limit value 50 and Offset

value 0.

## JSON Response : [http://127.0.0.1:8000/api/v1/cci\_orders\_section43a\_44/get/?date=2024-06-03&limit=2&offset=0](http://127.0.0.1:8000/api/v1/cci_orders_section43a_44/get/?date=2024-06-03&limit=2&offset=01)

**HTTP 200 OK**

**Allow:** GET, HEAD, OPTIONS

**Content-Type:** application/json

**Vary:** Accept

{

"result": [

{

"sr\_no": 1,

"source\_name": "cci\_orders\_section43a\_44",

"combination\_reg\_no": "M&A/03/2021/03/CD",

"description": "Bharti Airtel Limited and Lion Meadow Investment Limited",

"under\_section": "43A",

"decision\_date": "2023-08-23",

"order\_link": "<https://www.cci.gov.in/combination/order/details/order/1313/0/orders-section43a_44>",

"orderpdf\_file\_name": "order1693216865.pdf",

"orderpdf\_file\_path": "cci\_43\\2023\\Aug\\order1693216865.pdf",

"date\_scraped": "2024-06-03T11:22:13Z"

},

{

"sr\_no": 2,

"source\_name": "cci\_orders\_section43a\_44",

"combination\_reg\_no": "M&A/01/2021/03/CD",

"description": "NTPC Limited",

"under\_section": "43A",

"decision\_date": "2023-08-22",

"order\_link": "<https://www.cci.gov.in/combination/order/details/order/1312/0/orders-section43a_44>",

"orderpdf\_file\_name": "order1692965196.pdf",

"orderpdf\_file\_path": "cci\_43\\2023\\Aug\\order1692965196.pdf",

"date\_scraped": "2024-06-03T11:22:13Z"

}

],

"total\_count": 60,

"total\_pdf\_download\_link": "<http://127.0.0.1:8000/api/v1/cci_orders_section43a_44/download_pdfs/?date=2024-06-03&limit=2&offset=0>"

}

## JSON Response : <http://127.0.0.1:8000/api/v1/section31_formIII/Approved/get/?date=2024-05-31&limit=2&offset=1>

{

"result": [

{

"sr\_no": 5,

"combination\_reg\_no": "C-2024/03/1127",

"notifying\_parties": "1. Multiples Private Equity Fund III 2. Multiples Private Equity Fund IV 3. Multiples Private Equity GIFT Fund IV",

"form": "I",

"date\_of\_notification": "28/03/2024",

"status": "Approved",

"decision\_date": "21/05/2024",

"summary\_link": "<https://www.cci.gov.in/combination/order/details/summary/1395/0/orders-section31>",

"order\_link": "Null",

"source\_name": "section31\_formIII",

"under\_section": "31",

"orderpdf\_file\_name": "Null",

"orderpdf\_file\_path": "Null",

"name\_of\_parties": "1. \nThe Parties to the combination are: \nAcquirers \n(a) \nMultiples Private Equity Fund III (managed by Multiples Alternate Asset \nManagement Private Limited) (“Multiples Fund III”); \n(b) \nMultiples Private Equity Fund IV (managed by Multiples Alternate Asset \nManagement Private Limited) (“Multiples Fund IV”); \n(c) \nMultiples Private Equity GIFT Fund IV (managed by Multiples Asset \nManagement IFSC LLP) (“Multiples GIFT Fund IV”); \nTargets \n(d) \nSvatantra Microfin Private Limited (“SMPL”); and \n(e) \nSvatantra Micro Housing Finance Corporation Limited (“SMHFCL”). \nMultiples Fund III, Multiples Fund IV and Multiples GIFT Fund IV are collectively \nreferred to as the “Acquirers”. \nSMPL and SMHFCL are collectively referred to as the “Target Entities”. \nThe Acquirers and the Target Entities are collectively referred to as the \n“Parties”.",

"date\_scraped": "2024-05-31T12:58:23Z"

}

],

"total\_count": 899,

"total\_pdf\_download\_link": "<http://127.0.0.1:8000/api/v1/section31_formIII/Approved/download_pdfs/?date=2024-05-31&limit=2&offset=1>"

}

**Note** : maximum size of pdf document download for all CCI orders is 500 .for example when we click total\_pdf\_download\_link following error occurs is as follows:   
  
<http://127.0.0.1:8000/api/v1/section31_formIII/Approved/download_pdfs/?date=2024-05-31&limit=510&offset=0>  
  
**HTTP 400 Bad Request**

**Allow:** GET, HEAD, OPTIONS

**Content-Type:** application/json

**Vary:** Accept

{

"result": "Difference between limit and offset should not exceed 500"

}

For **Section31\_form111**

Here if we want first **500** results then we need to enter end point like this [**http://127.0.0.1:8000/api/v1/section31\_formIII/Approved/get/?date=2024-06-03&limit=500&offset=0**](http://127.0.0.1:8000/api/v1/section31_formIII/Approved/get/?date=2024-06-03&limit=500&offset=01)

Here Here if we want **500 to 1000** results then we need to enter end point like this

[**http://127.0.0.1:8000/api/v1/section31\_formIII/Approved/get/?date=2024-06-03&limit=1000&offset=500**](http://127.0.0.1:8000/api/v1/section31_formIII/Approved/get/?date=2024-06-03&limit=1000&offset=5001)

Here if we want **1000 to 1500** results then we need to enter end point like this

[**http://127.0.0.1:8000/api/v1/section31\_formIII/Approved/get/?date=2024-06-03&limit=1500&offset=1000**](http://127.0.0.1:8000/api/v1/section31_formIII/Approved/get/?date=2024-06-03&limit=1500&offset=1000)

For **Section43a\_44**

Here if we want first **500** results then we need to enter end point like this [**http://127.0.0.1:8000/api/v1/cci\_orders\_section43a\_44/get/?date=2024-06-03&limit=500&offset=0**](http://127.0.0.1:8000/api/v1/cci_orders_section43a_44/get/?date=2024-06-03&limit=500&offset=01)

Here I Here if we want **500 to 1000** results then we need to enter end point like this

[**http://127.0.0.1:8000/api/v1/cci\_orders\_section43a\_44/get/?date=2024-06-03&limit=1000&offset=500**](http://127.0.0.1:8000/api/v1/cci_orders_section43a_44/get/?date=2024-06-03&limit=1000&offset=500)

1. **Error Messages**

This API error occurs when a server refuses to fulfill a request from the client due to other restrictions put in place by the API provider. In that case it results also the error code and the error message.

**Here is how an Error Reply looks like:**

**Here is the complete list of Error codes and Error messages:**

### Error Code Error Message

400 Invalid ‘source\_name’ parameter

404 Resource not found

422

Invalid limit or offset value , must be an integer Incorrect date format

500 An internal server error occurred