
JIO PLATFORMS LIMITED

<DCA_API SPECIFICATIONS> USER GUIDE

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URL: <https://XX.XX.XX.XXX/api/consentrequest/>

Method: **POST**

Parameters :

Parameter	Data type	Description	Remarks
msisdn	String(10)	Valid Mobile subscriber MSISDN without "91" & should start with 6/7/8/9	(Mandatory) Ex: 6XXXXXXXXXX
entityid	String(20)	An active entityid which is defined in platform	(Mandatory)
constempid	String(20)	An active consent template ID which is defined in platform.	(Mandatory)
source	String(2)	Allowed values: Refer3.2 Case insensitive. Ex: "1".	(Mandatory)

Note:

This API accepts the request and actual consent registration in CMS systems is asynchronous.

Sample:

Request:

```
{
  "msisdn": "XXXXXXXXXX",
  "constempid": "1103XXXXXXXXXXXXXXXXXX",
  "entityid": "1101XXXXXXXXXXXXXXXXXX",
  "source": "1"
}
```

Response Parameter	Data type	Description	Remarks
status	integer	Refer Annexure 3.1 for list of status	(Mandatory) Ex:200
msisdn	String(10)	Msisdn received in the request	(Mandatory)
message	String(200)	Relevant message to identify the reason for failure. Refer Annexure3.1	(Mandatory)
refno	String(20)	ConsentID for this request. Note: this may be repeated for success consent request with same peid, consent template ID and msisdn	(Mandatory)

Success response:

```
{
  "status": 200,
  "msisdn": "6XXXXXXXXX",
  "message": "Registration request received ",
  "refno": "1XXXXXXXXXXXXXXX "
}
```

Failure responses:

Any status other than 200 refers to the failure response.

Sample1: API Internal error

```
{
  "status": 500,
  "message": "System error"
}
```

Sample2: Request not accepted for 3 months.

```
{
  "status": 407,
  "message": "Request is not accepted for 3 months from Consent acquisition date"
}
```

2.2 Rate Limiting

API requests are rate limited, in case number of requests per second exceeds this value then API returns HTTP status code 503 instead of 200

3. ANNEXURE

3.1 STATUS CODE

Status	Message
200	Success
401	Invalid Token or token expired
404	Reserved
405	Invalid method
406	Duplicate request - Initiated status
407	Request is not accepted for 3 months (YYYY-MM-DD HH:MM:SS) from Consent acquisition-date (<consent acquisition request value as YYYY-MM-DD HH:MM:SS>)
408	Consent is in revoked status. Kindly ask subscriber to manage consent status on operator app/page.
409	Consent already exists(<consent ID>)
410	Request is not accepted for 1 month (YYYY-MM-DD HH:MM:SS) from Consent acquisition date (<consent acquisition request value as YYYY-MM-DD HH:MM:SS>)
500	System error
501	Invalid Argument value or type - <parameter name>
502	Parameter is missing
503	Peid not active
504	Invalid login credential
505	Consenttemplate not active
506	IP not whitelisted

507	Peid mismatch
508	Invalid msisdn
509	Insufficient credits
510	Consent API not enabled for this account

3.2 SOURCE CODE

Code	Source
1	WEB
2	SMS
3	IVR
4	USSD
5	Mobile App

4. SAMPLE REQUEST

CURL:

```
curl --location --request POST 'https://XX.XX.XX.XXX/api/consentrequest/' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1bI90eXBlljo
iYWNjZXNzliwiZXhwIjoxNjEzMTQ1OTQxLCJqdGkiOiI0NDYwYzQ3Nzk4NTI0MTQzOWYxYjJmM2
UzMmlzYjAxMSIsInVzZXJfaWQiOiJ0eX0.OHEbkD1yu0jJ0btn6KSgr- e9SEXTA8kdspeSC8KQ25Y' \
--header 'Content-Type: application/json' \
--data-raw '{
"msisdn": "6547856897",
"entityid ": "110123456666454",
"constempid ": "1108161305948383450",
"source": "1"
}
```

PYTHON:

```
import requests
import json

url = "https://XX.XX.XX.XXX/api/consentrequest/"
payload = json.dumps({
"msisdn": "6547856897",
"entityid ": "110123456666454",
"constempid ": "1108161305948383450",
"source": 1
})
headers = {
```

```
'Authorization': 'Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b90eXBlljo
iYWNjZXNzliwiZXhwljoxNjEzMTQ1OTQxLCJqdGkiOiI0NDYwYzQ3Nzk4NTI0MTQzOWYxYjJmM2
UzMmlzYjAxMSIsInVzZXJfaWQiOiJ0b2t1b90eXBlljo.eyJ0b2t1b90eXBlljo.eyJ0b2t1b90eXBlljo
'Content-Type': 'application/json'
}
response = requests.request("POST", url, headers=headers, data=payload)
print(response.text)
```

JAVA:

```
OkHttpClient client = new OkHttpClient().newBuilder()
    .build();
MediaType mediaType = MediaType.parse("application/json");
RequestBody body = RequestBody.create(mediaType, "{\r\n  \"msisdn\": \"6547856897\", \r\n
  \"entityid\": \"110123456666454\", \r\n  \"constempid\": \"1108161305948383450\", \r\n
  \"source\": \"1\" \r\n}\r\n");
Request request = new Request.Builder()
    .url("https://XX.XX.XX.XXX/api/consentrequest/")
    .method("POST", body)
    .addHeader("Authorization", "Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b90eXBlljo
iYWNjZXNzliwiZXhwljoxNjEzMTQ1OTQxLCJqdGkiOiI0NDYwYzQ3Nzk4NTI0MTQzOWYxYjJmM2
UzMmlzYjAxMSIsInVzZXJfaWQiOiJ0b2t1b90eXBlljo.eyJ0b2t1b90eXBlljo.eyJ0b2t1b90eXBlljo
'Content-Type': 'application/json'")
    .addHeader("Content-Type", "application/json")
    .build();
Response response = client.newCall(request).execute();
```


Thank You