

Partner API Documentation:

1. Authentication API

Resources:

UAT Base URI	PROD Base URI	Version
https://apim.djezzy.dz/uat/	https://apim.djezzy.dz/	v01

Methods:

1. Token:

URI: <https://apim.djezzy.dz/uat/oauth2/token>

URI Parameters:

Parameter	Type	Mandatory	Description
granttype=password	String	Yes	This tells the authorization server that the application is initiating the password flow.
Username	string	Yes	Client Username created by Djezzy and will be sent by SMS.
Password	string	Yes	Client Password generated by Djezzy and will be sent by SMS.
client_id	string	Yes	The public identifier for the application, obtained when the developer is first registered to the application.
client_secret	string	Yes	The application's client secret. This ensures that the request to get the access token is made only from the application, and not from a potential attacker.
Scope	string	No	One or more space-separated strings indicating which permissions the application is requesting. The specific OAuth API you're using will define the scopes that it supports.

Resource definition:

HTTP Verb	Exchange Pattern	Description
POST	Synchronous Request-Response	Return the corresponding access token

Responses:

Status	Response	Description
200	Reponses parameters Access Token Response structure. Example access token response: <pre>{ "access_token": "9e0e5a9c -2e21 -3e68 -bad4 -17d8dd2d44e2", "refresh_token": "f1c61c1a -a8c9 -39be -9080 -5fc5bad62971", "scope": "openid", "token_type": "Bearer", "expires_in": 3123 }</pre>	Get the list of the recommended products for the given subscriber number
400	Error	the request is malformed or incorrect
401	Error	Unauthorized access
403	Error	The access to this resource is forbidden
404	Error	Subscriber not found
500	Failure	The server experiences an internal error.
503	Error	Service Unavailable.

Usage Example:

.Request:

```
curl -k
-d "grant_type=password&username=your_username&password=your_password"
-H "Authorization: Basic Basic Base64(consumer-key:consumer-secret)"
https://apim.djezzy.dz/uat/oauth2/token
```

Note:

Credentials will be sent later.

.Response:

```
{
  "access_token": "1b7d6681-45ab-38c8-a460-4d833a377b11",
  "refresh_token": "105f524b-8d7f-32a0-87e4-0bb41f6540f",
  "scope": "default",
  "token_type": "Bearer",
  "expires_in": 538
}
```

2. Generate the Access Token Using the refresh Token.

200	Reponses parameters Access Token Response structure. Example access token response : <pre>{ "access_token": "6a7f57c9-d543-37f8-a2ed21498c9ecac6", "refresh_token": "826acd5c-ae12-36f2-a6e9-5827d582b250", "scope": "openid", "id_token": "eyJ4NXQiOiJOVEF4Wm1NeE5ETXlaRGczTVRVMVpHTTBNe kV6T0RkaFpXSTROE5sWkRVMU9HRmtOakZpTVEiLCJ raWQiOiJOVEF4Wm1NeE5ETXlaRGczTVRVMVpHTTBNeKv6 T0RkaFpXSTROE5sWkRVMU9HRmtOakZpTVEiLCJhbG ciOiJSUzI1NiJ9.eyJhdF9oYXNoljoiQXJGWIRDekJlaUw4NUdx d1ldzV2Q5ImlmF1ZCI6WyJmQUd6Y21vZUZVRjNRa0ltc 1c3WEdOeHVEY2dhliwiaHR0cDpcL1wvb3JnLndzbzluYXBpb Wd0XC9nYXRld2F5Il0sInN1YiI6IjlxMzc3MDA5MTcwOS lslm5iZil6MTU1MTg2NzY4NSwiYXpwIjoiZkFHemNtb2VGvU YzUWtJbXNXN1hHTnh1RGNnYSIsImFtcil6WyJyZWZyZX NoX3Rva2VuIl0sImZcyLjlmh0dHBzOlwvXC9sb2NhbGhvc3Q 6OTQ0M1wvb2F1dGgyXC90b2tlibilslmV4cCI6MTU1M Tg3MTI4NSwiaWF0IjoxNTUxODY3Njg1LCJlbWFPbCI6Indzbz JkZW1vbWFPbEBnbWFPbC5jb20ifQ.LX8RdAGNpNSxW CxaASy5cdRUilvq5_ynGO2V1FrZBPR51bGgfdtZLYp6HYfqMi DU9yRQFlhLfdbuQPfCV73mTof7MqhJA0JNr744xMCET 0pCM8ld_PFFCkqZALrfgtJduuleihxWLwkh6N4dq6qVsrTJn1 Id4B3PLm3S5Qshy2sjuY4ZMpnzk8p_ glqAolr8eRBJTz9rtk4JZAqhJ2JuOyt2ReLEKEy5mcXKAILcFHlG _zW6UikkSP_BZlkYu30YKqasMozzrGT0eJHQdq7f6RkoTZsRIW5ouFcmO z1rcM1ICD97brFrvbQO7_jeCYXmCWbLPkG9k4dOqQij QLA", "token_type": "Bearer", "expires_in": 3600 }</pre>	Get the access token information
400	Error	the request is malformed or incorrect
401	Error	Unauthorized access
403	Error	The access to this resource is forbidden
404	Error	Subscriber not found
500	Failure	The server experiences an internal error.
503	Error	Service Unavailable.

Usage Example:

• Request:

```
curl -X POST https://apim.djezzy.dz/uat/oauth2/token
-d "grant_type=refresh_token&refresh_token=e5d53995-cbc1-3486-959c-45758f8b01c4"
-H "Authorization: Basic Base64(consumer-key:consumer-secret)"
```

- **Response:**

2. Check-profile API:

Resources:

UAT Base URI	PROD Base URI	Version
https://apim.djezzy.dz/uat/	https://apim.djezzy.dz/	v1

Methods:

1. Get MSISDN Profile: student

URI: /djezzy-partner-api/v1/student-campuce/check-profile/{msisdn}

URI Parameters:

- Headers:

Parameter	Type	Mandatory	Description
Accept	String	Yes	application/json
Authorization	String	Yes	Authorization bearer token.

- Path Params:

Parameter	Type	Mandatory	Description
msisdn	String	Yes	Phone Number to check the profile

- Request method:

HTTP Verb	Exchange Pattern	Description
GET	Synchronous Request-Response	Return the illegible status of the msisdn (true/false)

- Responses:

Status	Response	Description
200	{ "is-illegible ":"<Boolean>" }	Get the status for the given phone number (MSISDN) - true: student. - false: not student.
400	{ "message":"Bad Request", "is-illegible ":"false" }	The request is malformed or incorrect
401	{ "message":"Unauthorized", "is-illegible ":"false" }	Unauthorized access to the resource
403	{ "message":"Forbidden", "is-illegible ":"false" }	not having permission to access to the resource
404	{ "message":"Not Found", "is-illegible ":"false" }	MSISDN not found
500	{ "message":"Internal Server Error", "is-illegible ":"false" }	The server experiences an internal error.

Example:

• Request:

```
curl "https://apim.djezzy.dz/uat/djezzy-partner-api/v1/student-campuce/check-profile/213712345678" \
-H "Accept: application/json" \
-H "Authorization: Bearer c4d5232a-ab68-3144-98c1-b5e675536b51"
```

• Response

```
{
    "is-illegible ":"true"
}
```

3- Subscription API:

MSISDN subscription to program:

URI: /djezzy-partner-api/v1/student-campuce/subscription/{msisdn}

URI Parameters:

- Headers:

Parameter	Type	Mandatory	Description
Content-Type	String	Yes	application/json
Accept	String	Yes	application/json
Authorization	String	Yes	Authorization bearer token.

- Path Params:

Parameter	Type	Mandatory	Description
msisdn	String	Yes	Phone Number to add the partner package

- Body Params:

JSON Reponse:

```
{  
  "program-name": "<String>",  
  "email": "<String>"  
}
```

Parameter	Type	Mandatory	Description
"program-name": "<String>"	String	Yes	Subscribe to the program name (jumia, temtem,...).
"email": "<String>"	String	No	Client email.

- Request method:

HTTP Verb	Exchange Pattern	Description
POST	Synchronous Request-Response	Subscribe to the program name

- Responses:

Status	Response	Description
200	{ "message": "Subscription successfully done" }	Subscription successfully done
400	{ "message": "Bad Request" }	The request is malformed or incorrect
401	{ "message": "Unauthorized" }	Unauthorized access to the resource
403	{ "message": "Forbidden" }	not having permission to access to the resource
404	{ "message": "Not Found" }	MSISDN not found
500	{ "message": "Internal Server Error" }	The server experiences an internal error.

Usage Example:

• Request:

```
curl -X POST \
  "https://apim.djezzy.dz/uat/djezzy-partner-api/v1/student-campuce/subscription/213712345678" \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -H "Authorization: Bearer c4d5232a-ab68-3144-98c1-b5e675536b51" \
  -d '{
    "programName": "jumia",
    "email": "firstname.lastname@gmail.com"
  }'
```

• Response

```
{
  "message": "Subscription successfully done"
}
```