

User Open API

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Overview

The current document describes a set of User Open API services, through which consumers can retrieve users information from DealHub Revenue Amplification Platform.

Authentication

Current API document designed for system-to-system integration with token-based authentication. The header of each request described below must include a DealHub Authentication Token. This token should be generated by the CPQ administrator and shared with the consuming application in advance.

Authorization: Bearer <TOKEN_THAT_WAS_PROVIDED_BY_CPQ_ADMIN>

Asynchronous request processing and tracking

For an asynchronous API, the system will respond with the `request_id` parameter. The same `request_id` will be part of the WebHook event that is published by CPQ once the request is complete. For more information on CPQ events, please refer to the ***Open API WebHooks*** document.



Get User by Login v1

Retrieve specific *User* based on user login.

Request

type: GET

URI: /api/v1/user/login/{login}

Mandatory Request Parameters

Name	Description	Valid values/Notes
login	Login of the user	max length 100 chars

Optional Request Parameters - N/A

Response

Code: 200 (Success)

Response format: JSON

Response example:

```
{
  "login": "john@my_domain.com",
  "id": "786865656908",
  "email": "john@my_domain.com",
  "name": "John Smith",
  "position": "Sales",
  "phone": "09-445556",
  "mobile": "023-6654464",
  "fax": "09-756576",
  "company": "My Domain",
  "street": "Harokmin 26",
  "city": "Holon",
  "state": "Center",
  "country": "Israel",
  "postal_code": "563733",
  "is_active": true
}
```

The fields with NULL value will not be send in the response

Response fields details:

Name	Description	Can be empty	Format/Notes
login	Login of the user	no	
id	DealHub user ID	no	
email	Primary email of the user.	no	
name	User full name	no	
position	The role of the user in the organization (job title)	yes	
business_title	Business title of the user in CRM organization	yes	referenced as USER_BUSINESS_TITLE in doc template parameters
phone	User phone number	yes	
mobile	User mobile phone number	yes	
fax	User fax number	yes	
company	User company name	yes	
street	Street name	yes	
city	City name	yes	
state	State name	yes	



Name	Description	Can be empty	Format/Notes
country	Country name	yes	
postal_code	Postal code	yes	
user_manager_login	Login of the manager	yes	

Get User by ID v1

Retrieve specific *User* based on user ID.

Request

type: GET

URI: /api/v1/user/id/{id}

Mandatory Request Parameters

Name	Description	Valid values/Notes
id	DealHub user ID	max length 16 chars

Optional Request Parameters - N/A

Response

Same response structure as in 'Get User by Login'. For more details refer to the Response of [Get User by Login](#).



Get Users v1

Retrieve *Users* list based on filter criteria.

If no parameters are provided in the request the system will retrieve a list of all *Users* under a specific account.

Request

type: GET

URI: /api/v1/users

Request example:

api/v1/users?status=active

Optional Request Parameters

Name	Description	Valid values
status	Status	"active" "inactive"

Response

As a response the system will return the list of *User(s)* matching given criteria.

Code: 200 (Success)

Response format: JSON

Response example:

```
[
  {
    "login": "daniel@my_domain.com",
    "id": "786865656908",
    "email": "daniel@my_domain.com",
    "name": "Daniel Agassi",
    "position": "CCS",
    "phone": "09-445556",
    "mobile": "076-6654464",
    "fax": "09-4545456",
    "company": "My Domain",
    "street": "Harokmin 26",
    "city": "Holon",
    "state": "Center",
```

```

    "country": "Israel",
    "postal_code": "563733",
    "is_active": true
  },
  {
    "login": "john@my_domain.com",
    "id": "78686565623",
    "email": "john@my_domain.com",
    "name": "John Smith",
    "position": "Sales",
    "phone": "09-445556",
    "mobile": "023-6654464",
    "fax": "09-756576",
    "company": "My Domain",
    "street": "Harokmin 26",
    "city": "Holon",
    "state": "Center",
    "country": "Israel",
    "postal_code": "563733",
    "user_manager_login": "daniel@my_domain.com",
    "is_active": true
  }
]

```

The fields with NULL value will not be sent in the response.

Response fields details:

Name	Description	Can be empty	Format/Notes
login	Login of the user	no	
id	DealHub user ID	no	
email	Primary email of the user.	no	
name	User full name	no	
position	The role of the user in the organization (job title)	yes	
business_title	Business title of the user in CRM organization	yes	referenced as USER_BUSINESS_

Name	Description	Can be empty	Format/Notes
			TITLE in doc template parameters
phone	User phone number	yes	
mobile	User mobile phone number	yes	
fax	User fax number	yes	
company	User company name	yes	
street	Street name	yes	
city	City name	yes	
state	State name	yes	
country	Country name	yes	
postal_code	Postal code	yes	
user_manager_login	Login of the manager	yes	



Update Users v1

The consuming system should call this service to update one or more users registered in DealHub CPQ.

Request

type: PUT

URI: /api/v1/users

Query body format: JSON

Request example:

```
{
  "users" : [
    {
      "login": "daniel@my_domain.com",
      "email": "daniel_a@my_domain.com",
      "name": "Daniel Smith",
      "position": "CCS",
      "phone": "09-445556",
      "mobile": "054-1010101",
      "fax": "09-4545456",
      "company": "My Domain",
      "street": "Harokmin 26",
      "city": "Holon",
      "state": "Center",
      "country": "Israel",
      "postal_code": "563733",
      "user_manager_login": "roy11",
      "is_active" : true
    }
  ]
}
```

Mandatory Parameters

Name	Description	Format/Notes
login	Login of the user. An immutable field is used	max length 100 chars

Name	Description	Format/Notes
	as an identifier of the user in the CPQ.	
email	Primary email of the user.	max length 100 chars
name	User full name	max length 300 chars
is_active	The flag that specifies if a user should be marked as active in the CPQ system. When a user is inactive, he/she cannot access CPQ.	"true", "false"

Optional Parameters

Name	Description	Format/Notes
position	The role of the user in the organization (job title)	max length 300 chars (e.g. SF Role => shown in CPQ UI as Position; used when defining general workflows; referenced as USER_TITLE in doc template parameters)
phone	User phone number	max length 50 chars
mobile	User mobile phone number	max length 100 chars
fax	User fax number	max length 100 chars
company	User company name	max length 100 chars
street	Street name	max length 128 chars
city	City name	max length 32 chars
state	State name	max length 32 chars

Name	Description	Format/Notes
country	Country name	max length 32 chars
postal_code	Postal code	max length 16 chars
user_manager_login	Login of the manager	max length 100 chars

Response

Code: 200 (Success)

There can be a scenario when some user(s) could not be updated. In such a case system will return error details per each user that could not be updated:

```
{
  "errors": [
    {
      "login": "daniel@my_domain.com",
      "message": <SPECIFIC_ERROR_DETAILS>
    },
    {
      "login": "john@my_domain.com",
      "message": <SPECIFIC_ERROR_DETAILS>
    }
  ]
}
```



Create or Update Users v2

The consuming system should call this service to create or update one or more users in DealHub CPQ.

Request

type: PUT

URI: /api/v2/users

Query body format: JSON

Request example:

```
{
  "users" : [
    {
      "login": "daniel@my_domain.com",
      "email": "daniel_a@my_domain.com",
      "name": "Daniel Smith",
      "position": "CCS",
      "phone": "09-445556",
      "mobile": "054-1010101",
      "fax": "09-4545456",
      "company": "My Domain",
      "street": "Harokmin 26",
      "city": "Holon",
      "state": "Center",
      "country": "Israel",
      "postal_code": "563733",
      "user_manager_login": "roy11",
      "is_active" : true
    }
  ]
}
```

Mandatory Parameters

Name	Description	Format/Notes
login	Login of the user. An immutable field is used	max length 90 chars

Name	Description	Format/Notes
	as an identifier of the user in the CPQ.	
email	Primary email of the user.	max length 100 chars
name	User full name	max length 300 chars
external_user_id	CRM user ID (ID of the employee within the organization that integrates with DealHub)	max length 200 chars
is_active	The flag that specifies if a user should be marked as active in the CPQ system. When a user is inactive, he/she cannot access CPQ.	"true", "false"

Optional Parameters

Name	Description	Format/Notes
position	The role of the user in the organization (job title)	max length 300 chars (e.g. SF Role => shown in CPQ UI as Position; used when defining general workflows; referenced as USER_TITLE in doc template parameters)
business_title	Business title of the user in CRM organization	NOT shown in CPQ UI, but can be used when defining general workflows; referenced as USER_BUSINESS_TITLE in doc template parameters
phone	User phone number	max length 50 chars
mobile	User mobile phone number	max length 100 chars
fax	User fax number	max length 100 chars

Name	Description	Format/Notes
company	User company name	max length 100 chars
street	Street name	max length 128 chars
city	City name	max length 32 chars
state	State name	max length 32 chars
country	Country name	max length 32 chars
postal_code	Postal code	max length 16 chars
user_manager_login	Login of the manager	max length 100 chars

Response

Code: 200 (Success)

Errors

HTTP code	When to return	Error Message
400	Invalid payload format	Invalid payload format. Supported format: JSON
400	Request payload missing one or more mandatory fields	"Request payload missing mandatory field(s)"
400	Parameter within request payload exceed its limit(s)	The request parameter <PARAM_NAME> exceeds its limits. Allowed maximum length: <MAX_LENGTH>
400	User could not be found based on the provided login	Entity (ID = <unknown_id>) not found
403	If the request is not authenticated (authentication token is missing or invalid)	Unauthenticated