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# 1 API Documentation Crewnet.io

### 1.1 Crewnet API

Welcome to Crewnet's API documentation. We provide a range of different API's with services for Extracting and updating data for your Crewnet license.

Place contact <u>leo.pedersen@crewnet.dk</u> for access to your Crewnet license.

### 1.2 Authenticate

Please contact to get an access token. The token is manual updated on your license and necessary to extract or update data in your solution.

## 1.3 URL for test and production.

Test URL: <a href="https://api.cn-test.dk/v1/">https://api.cn-test.dk/v1/</a>

Production URL: <a href="https://api.crewnet.dk/v1/">https://api.crewnet.dk/v1/</a>

It will be possible to get a test installation for testing API development.

Туре	URL	Parameter	Returns
	EVENTS		
GET	Get all events https://api.crewnet.dk/v1/events	no	List of all events
	intps.//api.crewitet.uk/v1/events		
OFT.	1	T	
GET	Get workplaces https://api.crewnet.dk/v1/workplaces		
POST	Create Workplaces https://api.crewnet.dk/v1/workplaces		
PUT	Update Workplaces https://api.crewnet.dk/v1/workplaces/(workplace_id)		
DEL	Delete workplaces https://api.crewnet.dk/v1/workplaces/(workplace_id)		
	WORKPLACE CATEGORIES (tilmeldingsgrupper)		
GET	Get all workplace categories https://api.crewnet.dk/v1/workplace_categories		Get all work place categories
POST	Create workplace categories https://api.crewnet.dk/v1/ workplace_categories	JSON	Create a new workplace categories
PUT	Update workplace categories https://api.crewnet.dk/v1/workplace_categories /{workplace_category_id}	workplace_ category_id	Update af workplace category
DEL	Delete workplace category https://api.crewnet.dk/v1/ workplace_categories /{workplace_category_id}	Workplace_ category_id	Delete workplace category
	EVENT WORKPLACES	L	
GET	Get all event workplaces https://api.crewnet.dk/v1/events/(event_id)/workplaces	event_id	Get all workplaces from a specific event
POST	Create workplace to event https://api.crewnet.dk/v1/events/(event-id)/workplaces		Add a workplace to an event
PUT	Update event workplace https://api.crewnet.dk/v1/events/(event-id)/workplaces/(workplace_id)	workplace_id	Update an event workplace
DEL	remove workplace from an event https://api.crewnet.dk/v1/events/(event-id)/workplaces(workplace_id)	workplace_id	Delete a workplace
	WORKPLACE MEMBERS		
POST	Add workplace member https:://api.crewnet.dk/v1/events/(event-id)/workplaces/(workplace_id)/users	Workplace_Id Event_id	Add members to a workplace
GET	Get workplace members https:/Crewnet.dk//v1/events/(event-id)/workplaces/(vorkplace-id)/users	Workplaceid / eventid	Get all members from workplace
DEL	Remove members from a workplace https://api.crewnet.dk/v1/events/(event-id)/workplaces/(workplace-id)/users/(user-id)	Workplace_id user_id Event_id	Remove user from workplace
	MODERN ACT ADDICATION		
POST	WORKPLACE APPLICATION  Application to Workplace category (Tilmeldingsgruppe)  https://api.crewnet.dk/v1/users/(user-id)/workplace_categories?event_id=(event-id)		
	Withdraw application https://api.crewnet.dk/v1/users/(user-id)/workplace_categories?event_id=(event-id)		
	GROUPS		
GET	Get all groups https://api.crewnet.dk/v1/Groups		Get all groups

POST	Create Groups		Create a new group
	https://api.crewnet.dk/v1/groups		
PUT	Update Group	group_id	Update a group
	https://api.crewnet.dk/v1/groups/ {group_id}		
DEL	Delete Group	group_id	Delete a group
GET	https://api.crewnet.dk/v1/groups/{group_id}	6	Calallaranhan
GEI	Get Group members https://api.crewnet.dk/v1/groups/ {group_id}/users	Group_id	Get all members from a specific
	Tittps://api.crewiiet.uk/v1/groups/\group_lus/users		group
POST	Add group member	group_id	Add user to a group
	https://api.crewnet.dk/v1/groups/ {group_id}/users	0 1=	
DEL	Remove user from a group	group_id	Remove a user from
	https://api.crewnet.dk/v1/groups/ (group_id)/users/(user_id)	user_id	a group
	USERS		
GET	Get all users	Event_id	Get all users
	https://api.crewnet.dk/v1/users?event_id=(event_id)		added to an event
POST	Create a new user	JSON	Create a new user
	https://api.crewnet.dk/v1/users		to the license
DEL	Delete user	user_id	Delete a user
	https://api.crewnet.dk/v1/users/(user_id)		from the license
	WORKPLANS		
GET	Get all workplans	Workplace_	Get workplans
	https://api.crewnet.dk/v1/events/(event-id)/workplaces/{workplace_id}/workplans	id	from workplace
		Event_id	
	AVAILABILITIES		
GET	Get availabilities		
	https://api.crewnet.dk/v1/users/(userid)/availabilities		
POST	Create availabilities		
	https://api.crewnet.dk/v1/users/(userid)/availabilities		
PUT	Update availabilities		
	https://api.crewnet.dk/v1/users/(userid)/availabilities/(id)		
DEL	Delete availabilities		
	https://api.crewnet.dk/v1/users/(userid)/availabilities/(id)		

# 2 Events

## 2.1 Get all events:

Get all events added to a license

## [Get]

https://api.crewnet.dk/v1/events

```
Returns:
```

# 3 Workplaces

## 3.1 Get workplaces

Get all workplaces.

#### Get

http://api.crewnet.dk/v1/workplaces

```
Returns:
[
    "id": 2,
    "name": "Bar 2",
    "workplace_category_id": 6,
    "age": 18,
    "allow_create_happening": false,
    "allow_comment": false,
    "helper_need": 10
  },
    "id": 3,
    "name": "Ølvogn 1",
    "workplace_category_id": null,
    "age": 18,
    "allow_create_happening": false,
    "allow_comment": false,
    "helper need": 10
  },
]
```

## 3.2 Create new workplaces

Create a new workplace

## [Post]

```
http://api.crewnet.dk/v1/workplaces

{
    "name": "Test workplace",
    "workplace_category_id": null,
    "age": 18,
    "helper_need": 5,
    "allow_create_happening": true,
    "allow_comment": true
}

http://api.crewnet.dk/v1/workplaces

// Optional, default null
// Optional, default 1
// Optional, default false
// Optional, default false
```

## 3.3 Update Workplaces

Update existing workplace with information

```
[Put]
```

```
http://api.crewnet.dk/v1/workplaces/3
JSON:
{
    "name": "Øllebøllevogn",
    "workplace_category_id": null,
    "age": 18,
    "helper_need": 5,
    "allow_create_happening": true,
    "allow_comment": true
}
// Optional, default 1
// Optional, default false
// Optional, default false
```

## 3.4 Delete Workplaces

Delete an existing workplace

http://api.crewnet.dk/v1/workplaces/3

# 4 Workplace categories

## 4.1 Get all workplace Categories

Get a list of all workplace categories

#### Get

https://api.crewnet.dk/v1/workplace\_categories

# 4.2 Create workplace categories

Create a new workplace category to a license

### **Post**

https://api.crewnet.dk/v1/workplace\_categories

```
JSON:
```

```
"name": "Bars",
    "age_limit": "18",
    "description": "Bar 1, Bar 2",
    "shift_info": "You will serve beer and drinks"
}
```

## 4.3 Update workplace categories

Update information to an existing workplace

#### [Put]

https://api.crewnet.dk/v1/workplace\_categories/{99}

```
JSON:
```

```
"name": "Bars & food stalls",
   "age_limit": "18",
   "description": "Bar 1, Bar 2",
   "shift_info": "You will serve beer and drinks"
}
```

## 4.4 Delete workplace category

Delete a workplace category

#### [DEL]

https://api.crewnet.dk/v1/workplace\_categories/ {99}

# 5 Event workplaces

# 5.1 Get all Event Workplaces

Get a list of all workplaces related to an event

https://api.crewnet.dk/v1/events/(eventid)/workplaces

## 5.2 Add workplace to event

Add a workplace to event

## [Post]

https://api.crewnet.dk/v1/events/{eventid}/workplaces

```
JSON:
```

## 5.3 Update event Workplaces

## 5.4 Remove workplace from event

Remove a workplace from an event

https://api.crewnet.dk/v1/events/{eventid}/workplaces/{workplace\_id}

# 6 Workplace Members

## 6.1 Get Workplace members

Get all members added to an existing workplace

#### Get

http://api.crewnet.dk/v1/events/(event-id)/workplaces/(workplace-id)/users

### Returns:

## 6.2 Add workplace member

Add users as member to a specific workplace

#### [Post]

https://api.crewnet.dk/v1/events/(event-id)/workplaces/(workplace-id)/users

#### JSON:

```
{
    "user_id": 276
}
```

## 6.3 Remove Workplace Member

Remove a specific user from a workplace

#### DEL

https://api.crewnet.dk/v1/events/(event-id)/users/(user-id)

# 7 Workplace Application

## 7.1 Add application to workplace category (tilmeldingsgruppe)

Add user application to a workplace category for a specific events.

#### **Post**

```
https://api.crewnet.dk/v1/users/(userid)/workplace_categories?event_id=(event-id)
{
    "workplace_category_id": 1
}
```

## 7.2 Withdraw Application

Delete an application for a user in a workplace category

### [DEL]

https://api.crewnet.dk/v1/users/(userid)/workplace\_categories?event\_id=(event-id)

# 8 Groups

Get all groups added to a license

#### Get

https://api.crewnet.dk/v1/groups

```
Returns:
```

```
"id": 2,
    "name": "Arrangements gruppen",
    "external": false,
    "system_group": false,
    "allow_create_happening": false,
    "allow_create_post": false,
    "allow_invites": true,
    "allow_comment": false,
    "use_in_signup": false,
    "use_for_subscription": false
},
```

### 8.1 Create a new group

Create a new group to a license

## [Post]

https://api.crewnet.dk/v1/groups

```
JSON
{
  "name": "Test group",
  "external": false,
                                // Optional, default true
  "can_only_apply_to_group_workplaces": true, // Optional, default false
  "allow_create_happening": true,
                                         // Optional, default false
  "allow_create_post": true,
                                     // Optional, default false
  "allow_invites": true,
                                 // Optional, default true
  "allow comment": true,
                                    // Optional, default false
  "use_in_signup": true,
                                   // Optional, default false
  "use_for_subscription": true
                                      // Optional, default false
}
```

## 8.2 Update a group

Update information on a specific group

#### Put

https://api.crewnet.dk/v1/groups/{99}

```
JSON:
    "name": "Test group",
    "external": false,
                                                // Optional, default true
    "can only apply to group workplaces": true, // Optional, default false
    "allow create happening": true,
                                               // Optional, default false
    "allow_create_post": true,
                                               // Optional, default false
    "allow invites": false,
                                               // Optional, default true
    "allow_comment": false,
                                               // Optional, default false
    "use in signup": false,
                                               // Optional, default false
    "use for subscription": true
                                               // Optional, default false
}
```

## 8.3 Delete group

Delete a group

#### [DEL]

https://api.crewnet.dk/v1/groups/{99}

## 8.4 Get group members

Get all group members

### Get

http://api.crewnet.dk/v1/groups/{99}/users

#### Returns:

```
[
    "id": 263,
    "name": "Admin Demo",
    "is_leader": false,
    "member_since": "2019-02-27T14:51:25+01:00"
},
{
    "id": 282,
    "name": "Leo Pedersen",
    "is_leader": false,
    "member_since": "2021-02-24T13:02:27+01:00"
},
```

## 8.5 Add group members

Add new members to a group

# [Post]

https://api.crewnet.dk/v1/groups/{99}/users

```
JSON:
{
    "user_id": 263
}
```

# 8.6 Remove group member

Remove member from a group

## [DEL]

http://api.crewnet.dk/v1/groups/{99}/users/{99}

### 9 Users

#### 9.1 Get all users

Get alle users added to an event.

#### Get

https://api.crewnet.dk/v1/users?eventid={eventid}

```
RESULT:
```

```
"id": 2,
    "first_name": "Nikolai",
    "last_name": "Laursen",
    "email": "nikolai@crewnet.dk",
    "phone": "+4529774444",
    "profile_picture": xxx
},

{
    "id": 1,
    "first_name": "Mads",
    "last_name": "Ellesgaard",
    "email": "mads@crewnet.dk",
    "phone": "+4522240915",
    "profile_picture": xxx
},
```

### 9.2 Create new user

#### Create a new user

Create a new user. The user will be added the License.

After the user is created, the user can be added to "workplace category" or a "workplace" using API's for "workplace Category" or "Workplaces"

https://api.crewnet.dk/v1/users

```
JSON:
```

```
{
    "first_name": "Test",
    "last_name": "Testesen",
    "email": "test@testesen.dk",
    "birthday": "1990-01-01",
    "phone": "+4501020304"  // Optional, default null
}
```

# 9.3 Delete a User

Remove the user from the license.

https://api.crewnet.dk/v1/users/{userid}

# 10 Workplans

# 10.1 Get workplan from workplace

Get all workplan from a specific workplace

https://api.crewnet.dk/v1/workplaces/{workplace\_id}/workplans?event\_id={event\_id}

#### Result:

```
[
        "id": 50,
        "name": "Vagtplan",
        "categories": [
            {
                "id": 52,
                "name": "Standardvagter",
                "shift info": null,
                "age": 0
            }
        ],
        "shifts": [
            {
                "id": 373,
                "category": 52,
                "start": "2022-06-01T07:00:00+02:00",
                "end": "2022-06-01T11:00:00+02:00",
                "user id": null
            },
            {
                "id": 374,
                "category": 52,
                "start": "2022-06-01T07:00:00+02:00",
                "end": "2022-06-01T11:00:00+02:00",
                "user_id": null
            },
```

## 11 Availabilities

### 11.1 Get availabilities

Get availabilities for user

## [Get]

https://api.crewnet.dk/v1/users/(userid)/ availabilities

### 11.2 Create availabilities

Create availabilities for a specific user.

### **Post**

https://api.crewnet.dk/v1/users/(userid)/ availabilities

```
JSON
```

```
"start_date": "2022-04-30 00:00",
    "end_date": "2022-04-30 08:00",
    "available": false
}
```

## 11.3 Update availabilities

Set Availabilities to true for a specific user

#### Putl

https://api.crewnet.dk/v1/users/(userid)/ availabilities/(availabilities-ID)

```
"start_date": "2022-04-30 00:00",
    "end_date": "2022-04-30 08:00",
    "available": true
}
```

## 11.4 Delete availabilities

Delete a user's availability

#### [DEL]

https://api.crewnet.dk/v1/users/(userid)/ availabilities/(availabilities-ID)

## 12 API Overview - description

#### 12.1 Events

Events are associated with a specific license.

There may be several events associated to the same license.

## 12.2 Groups

Groups are associated with a specific license and will be associated with all events added to a license.

#### 12.2.1 User and groups

A user can be associated with one or more groups.

### It is possible to

- 1. Add a new group or use and existing group
- 2. Add user to a group
- 3. Get user from a group
- 4. Remove user from a group

## 12.3 Workplace

Workplaces are associated with a specific event. Same workplace can be associated with other events.

### It-is possible to

- 1. Create a new workplace
- 2. Add a workplace to an event
- 3. Remove workplace from an event
- 4. Delete a workplace

#### 12.3.1 Workplace user

A user can be associated with a workplace.

### It-is possible to:

- 1. Add a user to a workplace
- 2. Remove a user from a workplace

### 12.4 workplace category

Workplace catogories can be associated with on or more workplaces.

#### It-is possible to:

- 1. Create a new workplace category
- 2. Associate a workplace category to a workplace
- 3. Update information on a specific workplace category

4. Delete a workplace category

# 12.5 Workplans

Workplans are associated with a specific event and a specific workplace.

## It-is possible to:

1. Get information from shifts with userid

## 12.6 Users

User are associated with a license.

## It-is possible to:

- 1. Create a new user
- 2. Delete a user
- 3. Get all user information
- 4. Add a user to workplace
- 5. Add a user to workplace category
- 6. Add user to groups