

# Site API

CLOUDIWAY API - Documentation

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# 1 Summary

Welcome to the REST API for managing the migration of the Sites.

The following table is the list of available APIs.

<b><u>Get all sites</u></b> <i>GET /sites/getall</i>	Get all sites
<b><u>Get the migration tag of a Site</u></b> <i>GET /sites/migrationtag</i>	Get the site's migration tag, the unique identifier for the site, you need it for all API requests.
<b><u>Get Site</u></b> <i>GET /sites/{migrationtag}/get</i>	Get Site details by its Migration tag
<b><u>Get Status</u></b> <i>Get /sites/{migrationtag}/status</i>	Get a site status by Migration tag
<b><u>Get Site Links</u></b> <i>Get /sites/{migrationtag}/links</i>	Get Site Links by Migration tag.
<b><u>Start Site Migration</u></b> <i>POST /sites/start</i>	Start migration for a single site defined by its Migration tag.
<b><u>Stop Site Migration</u></b> <i>POST /sites/stop</i>	Stop migration for a single site defined by its Migration tag.
<b><u>Start Site Audit</u></b> <i>POST /sites/audit</i>	Start Audit for a single site defined by its Migration tag.
<b><u>Assign License to Site</u></b> <i>POST /sites/license</i>	Assign a license to a Site defined by its Migration tag.
<b><u>Create a Site</u></b> <i>POST /sites/create</i>	Create a site.
<b><u>Update a Site</u></b> <i>POST /sites/update</i>	Update a site.

<a href="#"><u>Delete a Site</u></a> <i>POST /sites/delete</i>	Delete a site defined by its migration tag.
<a href="#"><u>Create a Site Collection</u></a> <i>POST /sites/sitecollection/create</i>	Creates a Site Collection
<a href="#"><u>Get All Site Collections</u></a> <i>POST /sites/sitecollection/getall</i>	Lists the sites collections and the number of sites associated with each collection
<a href="#"><u>Run GetSites</u></a> <i>POST /sites/getSites</i>	Run the GetSites task
<a href="#"><u>Get All Source Connectors</u></a> <i>GET /sites/getallsourceconnectors</i>	Get the name and the type of every source connector
<a href="#"><u>Get All Target Connectors</u></a> <i>GET /sites/getalltargetconnectors</i>	Get the name and the type of every target connector



## 2 APIS

When an API fails, it returns the following JSON structure:

```
{"hasError":True": ErrorString}
```

### 2.1 Get all sites

```
GET /sites/getall
```

Get all sites.

#### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

#### Example

```
https://apps.cloudiway.com/api/sites/getall?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret
```

#### Sample Response

Status: 200 OK

Content Type: application/json; charset=UTF-8

```
{
  "hasError":false,
  "response":
  [{
    "sourceSiteName":"mySourceSiteName",
    "sourceSiteURL":"/mySourceSiteURL",
    "targetSiteName":"myTargetSiteName",
    ...
  },
  {
    ...
  },
  ...
]}
```

## 2.2 Get the migration tag of a Site

```
GET /sites/migrationtag
```

Get the site's migration tag, the unique identifier for the site, you need it for all API requests.

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication
sourceName	string	Name of your source site
sourceUrl	string	URL of your source site

### Example

```
https://apps.cloudiway.com/api/sites/migrationtag?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret&sourceName=mySourceName&sourceURL=mySourceURL
```

### Sample Response

Status: 200 OK

Content Type: application/json; charset=UTF-8

```
{"hasError":false,"response":"ff97218a-18ad-4a21-xxxx-xxxxxxxxxxxx"}
```

## 2.3 Get a Site

```
GET /sites/{migrationtag}/get
```

Get site details by its migration tag.

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

```
https://apps.cloudiway.com/api/sites/myMigrationTag/getsite?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret
```

### Sample Response

Status: 200 OK

Content Type: application/json;charset=UTF-8

```
{
  "hasError": false,
  "response": {
    "sourceSiteName": "mySourceSiteName",
    "sourceSiteURL": "/mySourceSiteURL",
    "targetSiteName": "MyTargetSiteName",
    "targetSiteRelativeURL": "MyTargetSiteRelativeURL",
    "targetSiteCollection": "MyTargetSiteCollection",
    "migrateToRoot": false,
    "migrationTag": "MyMigrationTag",
  }
}
```

## 2.4 Get Status

***GET /sites/{migrationtag}/status***

Get Site Status by its Migration tag.

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

**`https://apps.cloudiway.com/api/sites/myMigrationTag/statusmig?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret`**

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false,"response":"AUDIT_DONE"}
```

## 2.5 Get Site Links

***Get /sites/{migrationtag}/links***

Get Site links by Migration tag.

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

```
https://apps.cloudiway.com/api/sites/myMigrationTag/links?consumerKey=myConsumerKey
&consumerSecret=myConsumerSecret
```

### Sample Response

Status: 200 OK

Content Type : application/json; charset=UTF-8

```
{
  "hasError":false,
  "response": "[[], [{\"sourceValue\": \"https://sites.google.com/abc\",
\"targetUrl\": \"/sites/MigratedSite/Home\"}]]"
```

## 2.6 Start Site Migration

*POST /sites/start*

Start a site migration defined by its migration tag (more information about migration status [here](#)).

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

https://apps.cloudiway.com/api/sites/ /start

#### Body

```
{
  "consumerKey": "myConsumerKey",
  "consumerSecret": "myConsumerSecret",
  "migrationTag": "94102641-xxx-xxxx-xxx-xxxxxxxx"
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError": false, "response": "Site scheduled"}
```

## 2.7 Stop Site Migration

*POST /sites/stop*

Stop a site migration defined by its migration tag (more information about migration status [here](#)).

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

<https://apps.cloudiway.com/api/sites/stop>

#### Body

```
{  
  "consumerKey": "myConsumerKey",  
  "consumerSecret": "myConsumerSecret",  
  "migrationTag": "94102641-xxx-xxxx-xxx-xxxxxxxx"  
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": Site stopped}
```

## 2.8 Start a Site Audit

*POST /sites/audit*

Start the audit of a site defined by its migration tag (more information about migration status [here](#)).

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

<https://apps.cloudiway.com/api/sites/audit>

#### Body

```
{  
  "consumerKey":"myConsumerKey",  
  "consumerSecret":"myConsumerSecret",  
  "migrationTag":"94102641-xxx-xxxx-xxx-xxxxxxxx"  
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, , "response":Audit scheduled }
```

#### Body

```
{  
  "consumerKey":"myConsumerKey",  
  "consumerSecret":"myConsumerSecret",  
  "migrationTag":"94102641-xxx-xxxx-xxx-xxxxxxxx"  
}
```

## 2.9 Assign a license to a Site

*POST /sites/license*

Assign a migration license to a site defined by its migration tag.

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

```
https://apps.cloudiway.com/api/sites/license
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": "License assigned" }
```

## 2.10 Create Site

```
POST /sites/create
```

Create a new site

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication
sourceSiteName	string	The name of the source site
targetSiteName	string	The name of the target site
sourceSiteUrl	string	The URL of the source site
targetSiteRelativeURL	String	The relative URL of the target site.
targetSiteCollection	string	The name of the target site collection

sourceConnectorName	string	The name of the source connector
targetConnectorName	string	The name of the target connector
migrateToRoot	Boolean	Option to migrate to root of the site or not

### Example

<https://apps.cloudiway.com/api/sites/create>

Body

```
{
  "auth":
  {
    "consumerKey": "myConsumerKey",
    "consumerSecret": "myConsumerSecret"
  },
  "sourceSiteName": "John",
  "targetSiteName": "Doe",
  "sourceSiteUrl": "/source",
  "targetSiteCollection": "/target",
  "targetSiteRelativeURL": "/Relative",
  "sourceConnectorName": "SharePoint",
  "targetConnectorName": "SPO",
  "migrateToRoot": true
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": "User created" }
```

## 2.11 Update Site

*POST /sites/update*

Create a new site

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication
migrationTag	Guid	The migrationtag of the site
sourceSiteName	string	The name of the source site
targetSiteName	string	The name of the target site
sourceSiteUrl	string	The URL of the source site
targetSiteRelativeURL	String	The relative URL of the target site.
targetSiteCollection	string	The name of the target site collection
sourceConnectorName	string	The name of the source connector
targetConnectorName	string	The name of the target connector
migrateToRoot	Boolean	Option to migrate to root of the site or not

### Example

<https://apps.cloudiway.com/api/sites/create>

Body

```
{  "auth":
  {
```

```
"consumerKey":"myConsumerKey",

"consumerSecret":"myConsumerSecret",
"migrationTag":"xxxx-xxxx-xxxxx-xxxxx-xxxxxx"

},

"sourceSiteName":"Johnny",

"targetSiteName":"Smith",

"sourceSiteUrl":"/newsource",

"targetSiteCollection":"/newtarget",

"targetSiteRelativeURL":"/newRelative",

"sourceConnectorName":"newSharePoint",

"targetConnectorName":"newSPO",

"migrateToRoot": true

}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": "User update" }
```

## 2.12 Delete a Site

*POST /sites/delete*

Delete a site defined by its migration tag.

### Parameters

MigrationTag	string	Migration tag of the site
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

<https://apps.cloudiway.com/api/sites/delete>

#### Body

```
{  
  "consumerKey": "myConsumerKey",  
  "consumerSecret": "myConsumerSecret",  
  "migrationTag": "94102641-xxx-xxxx-xxx-xxxxxxxx"  
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": "User deleted" }
```

## 2.13 Create a Site Collection

*POST /sites/sitecollection/create*

Creates a Target Site Collection defined by its URL.

### Parameters

targetCollectionUrl	string	The URL of the target collection. <b>This string must start with the character “/”.</b>
consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

<https://apps.cloudiway.com/api/sites/sitecollection/create>

#### Body

```
{
  "auth":
    {
      "consumerKey":"myConsumerKey",
      "consumerSecret":"myConsumerSecret"
    },
  "targetCollectionUrl":"/targetCollectionURL"
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{"hasError":false, "response": "Target collection created." }
```

## 2.14 Get all site collections

*POST /sites/sitecollection/getall*

Lists all the site collections, and the number of sites associated with each collection.

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

<https://apps.cloudiway.com/api/sites/sitecollection/getall>

#### Body

```
{
    "consumerKey":"myConsumerKey",
    "consumerSecret":"myConsumerSecret"
}
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{ "hasError": false, "response":  
  [  
    {  
      "name": "/",  
      "nbSites": 0  
    }  
  ]  
}
```

## 2.15 Run GetSites

```
POST /sites/getsites
```

Start an audit for the selected user

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

sourceConnectorName	String	Name of the source connector on which the GetSites task is run
---------------------	--------	--

### Example

<https://apps.cloudiway.com/api/sites/getSites>

#### Body

```
{
  "auth":
    {
      "consumerKey": "RafasMigrationProject7d317d55177f34bd",
      "consumerSecret": "33298764bc4fe1dbeb0431e0b0b611ec936a1c51441a952f"
    },
  "sourceConnectorName": "IInfo"
}
```

### Sample Response

Status: 200 OK

Content Type : application/json; charset=UTF-8

```
{"hasError": false, "response": "GetSite scheduled"}
```

## 2.16 Get All Source Connectors

```
GET /sites/getallsourceconnectors
```

Get the name and the type of every source connector.

#### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

#### Example

```
https://apps.cloudiway.com/api/sites/getAllSourceConnectors?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret
```

#### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{
  "hasError":false,
  "response":[
    {
      "name":"myConnectorName1",
      "type":"SharepointOnline"
    },
    {
      "name":"MyConnectorName2",
      "type":"GSuite"
    }
  ]
}
```

## 2.17 Get All Target Connectors

```
GET /sites/getalltargetconnectors
```

Get the name and the type of every target connector.

### Parameters

consumerKey	string	Consumer key for authentication
consumerSecret	string	Consumer secret for authentication

### Example

```
https://apps.cloudiway.com/api/sites/getAllTargetConnectors?consumerKey=myConsumerKey&consumerSecret=myConsumerSecret
```

### Sample Response

Status: 200 OK

Content Type : application/json;charset=UTF-8

```
{
  "hasError":false,
  "response":[
    {
      "name":"myConnectorName1",
      "type":"SharepointOnline"
    },
    {
      "name":"MyConnectorName2",
      "type":"GSuite"
    }
  ]
}
```

```
}
```

# Appendix

List of status codes

0	UNKNOWN
1	NOTSTARTED
2	WORKING
3	ONERROR
4	SUCCESS
5	STOP
6	PENDING

7	SCHEDULED
8	STOPPING
9	SCHEDULEDINAGENT
10	WORKINGINAGENT
11	PRE_PROCESSING
12	PRE_PROCESSING_ERROR
13	PRE_PROCESSING_PENDING
14	PRE_PROCESSING_WORKING
15	MAIL_SENT
16	AUDIT
17	AUDIT_ERROR
18	AUDIT_DONE
19	AUDIT_WORKING
20	GET_SITES
21	GET_SITES_ERROR
22	GET_SITES_DONE
23	GET_SITES_WORKING
24	LICENSE_EXCEEDED
25	GET_GROUPS_WORKING
26	GET_GROUPS_DONE
27	GET_GROUPS
28	GET_GROUPS_ERROR
29	ARCHIVESCHEDULED
30	EXPORTINPROGRESS
31	GET_SITES_AGENT
32	AUDIT_SITES_AGENT
33	SCHEDULED_SITES_AGENT
34	WAITING_ROOT_SITE
35	MAILPERMISSIONS_ERROR
36	MAILPERMISSIONS_SCHEDULED
37	MAILPERMISSIONS_WORKING
38	MAILPERMISSIONS_DONE

39	CALENDARPOSTPROCESS_ERROR
40	CALENDARPOSTPROCESS_SCHEDULED
41	CALENDARPOSTPROCESS_WORKING
42	CALENDARPOSTPROCESS_DONE
43	SHAREDMBXPREPROC_ERROR
44	SHAREDMBXPREPROC_SCHEDULED
45	SHAREDMBXPREPROC_WORKING
46	SHAREDMBXPREPROC_DONE
47	SCHEDULED_FILES_AGENT
48	MAILROOMEQUIPEMENT_ERROR
49	MAILROOMEQUIPEMENT_SCHEDULED
50	MAILROOMEQUIPEMENT_WORKING
51	MAILROOMEQUIPEMENT_DONE
52	GETEXCHANGEGUIDS_ERROR
53	GETEXCHANGEGUIDS_SCHEDULED
54	GETEXCHANGEGUIDS_WORKING
55	GETEXCHANGEGUIDS_DONE