

Cloud Harddrive API

Versie 1.2 – 11-03-2014

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# Using the API

## Description

This web service will allow third parties to integrate with the Cloud Harddrive Platform. Its aim is to provide all needed user functionalities for resellers.

Note that this web service API is work in progress, still under heavy development and subject to change. Further, all comments and request for enhancements are very welcome.

### IP restrictions

The API has a restriction based on **IP**, before using the API you will need to send us the IP addresses (max 3) from where you will be connecting to the API.

## JSON structure

Every response is encoded with **JSON** and consist of an array and has a **result** tag and a **params** tag (in some cases).

The result can either be “success”:

|  |
| --- |
| Array  (  [result] => success  [params] => Array  (  [username] => groupmanager@testdomain.com  [password] => #$43fgGH$  )  ) |

The result can either be “error”:

|  |
| --- |
| Array  (  [result] => error  [params] => Array  (  [101] => No Firstname  [102] => No Lastname  )  ) |

### API login Credentials

To use the API you will have to use the same login credentials as you use to login to our CRM sytem, meaning email address and password. The email address and password can be changed thru our CRM system.

### API call build up

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |

\*=required

### Possible general errors

|  |  |
| --- | --- |
| Errors | |
| 901 | Invalid IP address |
| 902 | No Permissions |
| 903 | Invalid Username or Password |
| 904 | Invalid service received |

## Api Calls

### adduser

Create a new Group Manager (company account).

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| firstname \* | String | Group manager firstname |
| lastname \* | String | Group manager lastname |
| email \* | String | Group manager email |
| languagecode \* | String | For instance NL |
| countrycode \* | String | For instance NL |
| Output Parameter | Type | Description |
| username | String | Email address of newly created account |
| password | String | Password of newly created account |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  [params] => Array  (  [username] => groupmanager@testdomain.com  [password] => #$43fgGH$  )  ) |

### addsubuser

Add a Managed User under the control of a Group Manager.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| firstname \* | String | Group manager firstname |
| lastname \* | String | Group manager lastname |
| email \* | String | Group manager email |
| languagecode \* | String | For instance NL |
| countrycode \* | String | For instance NL |
| groupmanager \* | String | Group manager email adres |
| Output Parameter | Type | Description |
| username | String | Email address of newly created account |
| password | String | Password of newly created account |

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  [params] => Array  (  [username] => manageduser@testdomain.com  [password] => #$43fgGH$  )  ) |

### suspenduser

Suspend a Group Manager account and all users and Vaults connected to it.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Group manager email |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  ) |

### unsuspenduser

Unsuspend a Group Manager account and all users and Vaults connected to it.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Group manager email |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  ) |

### deleteuser

Delete a Group Manager account and all users and Vaults connected to it.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Group manager email |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  ) |

### deletesubuser

Delete a managed user account. The vaults created by this users will be transferred to the group manager.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Managed user email |
| groupmanager \* | String | Group manager email adres |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  ) |

### checkavailability

Check if an email adres (username) is still available.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Group manager email |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  ) |

### changeuseremail

Change an Group Manager email address.

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| email \* | String | Group manager email |
| newemail \* | String | Group manager newemail |
| Output Parameter | Type | Description |
| oldemail | String | Old email of Group Manager account |
| newemail | String | New email of Group Manager account |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  [params] => Array  (  [oldemail] => old@email.com  [newemail] => new@email.com  )  ) |

### getstats

Get the monthly user statistics from our databases, for you billing system. The results for the past month in only available 2 to 3 days after the past month ended. (example results for month March, will be available 2 or 3 April). You can get up to 18 monht of stats (if available).

|  |  |  |
| --- | --- | --- |
| Input Parameter (Default) | Type | Description |
| username \* | String | CRM username |
| password \* | String | CRM password |
| service \* | String | cloudharddrive |
| task \* | String | Task to execute (see header) |
| reseller \* | String | CHD Reseller Email (username) |
| testmode | Boolean | true |
| Input Parameter (task) | Type | Description |
| year \* | String | Year (xxxx) |
| month \* | String | Month (xx) |
| email | String | User email, to only get specific Group Manager result |
| Output Parameter | Type | Description |
| See Below |  | Stats per Group Manager |

\*=required

#### Sucessfull Response

|  |
| --- |
| Array  (  [result] => success  [params] => Array  (  [nmua000899] => Array  (  [groupuseremail] => groupuser@email.com  [activeusercount] => 2  [fileservercounttotal] => 6  [year] => 2013  [month] => 01  [users] => Array  (  [0] => Array  (  [type] => g  [firstname] => First  [lastname] => Last  [email] => groupuser@email.com  [filservercount] => 5  [fileserversize] => 1251  )  [1] => Array  (  [type] => u  [firstname] => Firstname  [lastname] => Lastname  [email] => user1@email.com  [filservercount] => 1  [fileserversize] => 125  )  )  )  [nmua001201] => Array  (  [groupuseremail] => othergroupuser@email.com  [activeusercount] => 1  [fileservercounttotal] => 3  [year] => 2013  [month] => 01  [users] => Array  (  [0] => Array  (  [type] => g  [firstname] => Second  [lastname] => Groupuser  [email] => othergroupuser@email.com  [filservercount] => 3  [fileserversize] => 52333  )  )  )  )  ) |

The fileserversize is in MegaBytes (MB).

# API Status Codes

### Possible general errors

|  |  |
| --- | --- |
| Errors | |
| 901 | Invalid IP address |
| 902 | No Permissions |
| 903 | Invalid Username or Password |
| 904 | Invalid service received |

### Possible task specific errors

|  |  |
| --- | --- |
| Errors | |
| 201 | No firstname |
| 202 | No lastname |
| 203 | No Email |
| 204 | Incorrect email address |
| 205 | No reseller username |
| 206 | No Permissions |
| 207 | Incorrect resellername |
| 208 | Reseller account unknown |
| 209 | No languagecode |
| 210 | Invalid languagecode |
| 211 | No country |
| 212 | Invalid countrycode |
| 213 | No new email |
| 214 | Incorrect new email address |
| 216 | No year |
| 217 | Invalid year |
| 218 | Year is ahead of time |
| 220 | User is unknown |
| 222 | Email address is not available |
| 223 | The NEW email address is not available |
| 224 | No month |
| 225 | Invalid month |
| 226 | This date is not available |
| 227 | Incorrect user email format |
| 228 | User not found for given year/month |
| 229 | No results available |
| 230 | Invalid task received |
| 231 | No permissions |
| 235 | No Groupmanager email |
| 236 | Invalid groupmanager |
|  |  |
| 299 | Internal Error, we have been notified |