



Cloud Harddrive API

Versie 1.2 – 11-03-2014

Contents

1	Using the API.....	2
1.1	Description.....	2
1.1.1	IP restrictions.....	2
1.2	JSON structure	2
1.2.1	API login Credentials.....	2
1.2.2	API call build up	2
1.2.3	Possible general errors.....	3
1.3	Api Calls.....	3
1.3.1	adduser	3
1.3.2	addsubuser.....	3
1.3.3	suspenduser.....	4
1.3.4	unsuspenduser	4
1.3.5	deleteuser	5
1.3.6	deletesubuser.....	5
1.3.7	checkavailability	6
1.3.8	changeuseremail	6
1.3.9	getstats.....	7
2	API Status Codes	9
2.1.1	Possible general errors.....	9
2.1.2	Possible task specific errors	9

1 Using the API

1.1 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.

1.1.1 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.

1.2 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
        )
)
```

1.2.1 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.

1.2.2 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

1.2.3 Possible general errors

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

1.3 Api Calls

1.3.1 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

1.3.1.1 Successfull Response

Array
(
[result] => success
[params] => Array
(
[username] => groupmanager@testdomain.com
[password] => #543fgGH\$
)
)
)

1.3.2 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

1.3.2.1 Successfull Response

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

1.3.3 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

1.3.3.1 Successfull Response

```
Array
(
    [result] => success
)
```

1.3.4 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

1.3.4.1 Successfull Response

```
Array
(
    [result] => success
)
```

1.3.5 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

1.3.5.1 Successfull Response

```
Array
(
    [result] => success
)
```

1.3.6 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**

1.3.6.1 Successful Response

```
Array
(
    [result] => success
)
```

1.3.7 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**

1.3.7.1 Successful Response

```
Array
(
    [result] => success
)
```

1.3.8 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**

1.3.8.1 Successful Response

```
Array
(
    [result] => success
    [params] => Array
        (

```

```

[oldemail] => old@email.com
[newemail] => new@email.com

    )
)

```

1.3.9 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

1.3.9.1 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).

2 API Status Codes

2.1.1 Possible general errors

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

2.1.2 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