

# Conftool Login REST Interface

This web address takes the following parameters:

- *command*: One of the following options
  - *login*: validate the user information given in the *user* or *email* and *password* fields.
  - *request*: request user information for the user(s) specified in the *user* field.
  - *export*: request information on all users of this ConfTool Pro installation.
- *user*:
  - For command *login* user name or e-mail to be validated
  - For command *request* the user name for which user information is requested
- *password*: only for command *login*, password to be validated
- *nonce*: for all commands; a unique nonce will be generated by the extension and be used with the **common key** entered into ConfTool and the extension by the admin to create a SHA256 hash. Nonce and hash (not the password) will be transferred to ConfTool Pro for request validation.
- *hash*: The sha256 hash of nonce and common key.

The web address returns an XML file in UTF-8 encoding with the following structure:

<?xml version="1.0" encoding="utf-8"?>	
<login>	Only for command <i>login</i>
<username></username>	User name that was validated
<result></result>	<i>true</i> , <i>false</i> , <i>multiple</i> , <i>unknown</i> or <i>unavailable</i> <i>multiple</i> indicates that several users with this email exist <i>unknown</i> indicates that a user name or e-mail is unknown. <i>unavailable</i> indicates that ConfTool is not ready to answer the request at the moment
</login>	
<request>	Only for command <i>request</i>
<user>	Each user for which information is reported has a single instance
<username></username>	User name
<name></name>	Family name
<firstname></firstname>	First name
...	See user ConfTool data export functions for more parameters.
</user>	
</request>	

## Example “login” command

Example command:

[https://www.conftool.net/my\\_confernce/rest.php?page=remoteLogin&nonce=1372505462&passhash=aa58984f5cd7df3c81f9f5c4c97c42dd682acec96f87910e3ee6816a03190a63&command=login&user=harald&password=bier33](https://www.conftool.net/my_confernce/rest.php?page=remoteLogin&nonce=1372505462&passhash=aa58984f5cd7df3c81f9f5c4c97c42dd682acec96f87910e3ee6816a03190a63&command=login&user=harald&password=bier33)

Example response if the login details could be confirmed:

```
<?xml version="1.0" encoding="UTF-8" ?>
<login>
<result>true</result>
<id>1020</id>
<username>harald</username>
</login>
```

## Example “request” command

Example command:

<https://www.conftool.com/pme/rest.php?page=remoteLogin&nonce=1372505462&passhash=aa58984f5cd7df3c81f9f5c4c97c42dd682acec96f87910e3ee6816a03190a63&command=request&user=harald>

Example result if the user was found:

```
<?xml version="1.0" encoding="UTF-8" ?>
<users>
<user>
<personID>1020</personID>
<title_selected>Mr.</title_selected>
<formal_salutation>Dear Mr.</formal_salutation>
<gender>male</gender>
<title_short />
<academic_job_title />
<title_combined />
<name>Weinreich</name>
<firstname>Harald</firstname>
<email>harald@weinreichs.de</email>
<email2 />
<emailcc />
<organisation>ConfTool.net</organisation>
<organisation2 />
<address1>Krochmannstr. 66</address1>
<address2 />
<address3 />
<zip>22297</zip>
<city>Hamburg</city>
<state />
<countrycode>DE</countrycode>
<country>Germany</country>
<country_long>Germany</country_long>
<region>Western_Europe</region>
<phone />
<fax />
<status />
<topics_of_reviewer_pc />
<external_remark>TEST Account</external_remark>
<internal_remark>TEST!!!</internal_remark>
<user_registration>2009-10-05 10:08:50</user_registration>
<account_type>normal</account_type>
</user>
</users>
```