

## LIACS HTML and MySQL server,

Summer 2014 a new webserver for LIACS staff and students has become available. This document demonstrates how to make use of it while working from a ULCN Linux system.

### Addresses and network

Web server	keep.vuw.leidenuniv.nl ,132.229.13.20
DNS Alias/CNAME	www.liacs.leidenuniv.nl
Internal access	Through 80 (http), 443 (https), 22 (ssh) from any NUWD subnet
External access	Through 80 (http), 443 (https) from everywhere

MySQL server	putter.vuw.leidenuniv.nl, 132.229.13.23
DNS Alias/CNAME	mysql.liacs.leidenuniv.nl
Internal access	Through 3306 (mysql) from any NUWD subnet
External access	Not

- These servers are only accessible by a subset of the LIACS staff and students. (as defined in the security group G-RG-LIACS WWW Server)
- When a user logs in to the webserver a local home directory with a sub directory public\_html will be created.
- The code in public\_html is served through the Apache server on:  
[www.liacs.leidenuniv.nl/~username](http://www.liacs.leidenuniv.nl/~username)
- Users added to the group G-RG-LIACS WWW will get a basis database named after their ULCN account on the MySQL server. After creation a mail with credentials is sent.

### Activating the SQL database

At one moment ULCN user mastt received a mailing from the database server. This happened because user mastt is either a LIACS student or a staff member.

The mail looks like this:

```
Dear user mastt,

An account has been created for you on the LIACS/ISSC mysql server:

Username: mastt
Password: xyz

You are requested to change your password on first login. You can login from any ISSC
Linux workstation and change your password with the commands:

$ mysql -h putter.vuw.leidenuniv.nl -u mastt -p
mysql> set password = password("<your new password>"); exit;
$

You have a private database that is named after your user name.
In order to use it:

$ mysql -h putter.vuw.leidenuniv.nl -u mastt -p
mysql> show databases;
```

```
mysql> use mastt;

Good luck using your account.

Best regards,

Leiden University ISSC Helpdesk (helpdesk@issc.leidenuniv.nl)
```

User mastt logged on to a ULCN Linux workstation and followed instructions in the mail, changing his password in abc

**CAUTION: The database account is not the same as the ULCN account. They only have the same username. For logging on to a workstation one uses the unchanged ULCN account.**

## Copying code to the webserver

User mastt creates a file test.html in his home directory containing some HTML code like this:

```
<html>
<body>
Hello LIACS!
</body>
</html>
```

Now user mast moves this test.html file to the LIACS webserver by using the rsync command.

```
mastt@huismus01:~$ rsync -av ./test.html keep.leidenuniv.nl:public_html/
Password: <ulcn>
```

To check whether the file was transported correctly, user mastt log's on to the [www.liacs.leidenuniv.nl](http://www.liacs.leidenuniv.nl)

```
mastt@huismus01:~$ ssh keep.leidenuniv.nl
Password: <ulcn>
mastt@keep:~> ls
public_html
mastt@keep:~> cd public_html/
mastt@keep:~/public_html> ls
cgi-bin test.html
```

test.html seems to be present. Now user mastt starts a web browser and surfs to:

```
http://keep.leidenuniv.nl/~mastt/test.html
```

One will see the message: *Hello LIACS!*