

How to Install Testlink

Version 1.0.0

TestLink is a test case management system based on Web. The main function is to create, manage and execute the test cases.

For more technical support, please go to <http://en.websoft9.com/support>

Environment description

Software Version: Testlink1.9.6

Software directory: /data/wwwroot/default/testlink

Basic software environment: [Click here](#)

PHP Configuration File: /usr/local/php/etc/php.ini

Virtual host Configuration File directory: /usr/local/apache/conf/vhost

Virtual host Configuration Command: /root/oneinstack/vhost.sh

Start to install Testlink

Step1. Add a virtual host

Use SSH Command to Add a virtual host:

```
[root@i2bp1i4rjdsy216yq71gucZ ~]# cd /root/oneinstack
```

```
[root@i2bp1i4rjdsy216yq71gucZ oneinstack]# ./vhost.sh
```

```
[root@i2bp1i4rjdsy216yq71gucZ /]# cd /root/oneinstack
[root@i2bp1i4rjdsy216yq71gucZ oneinstack]# ./vhost.sh

#####
#   OneinStack for CentOS/RadHat 5+ Debian 6+ and Ubuntu 12+   #
#   For more information please visit https://oneinstack.com   #
#####

Please choose to use environment:
  1. Use php
  2. Use hhvm
Please input a number:(Default 1 press Enter) 1

Do you want to setup SSL under Apache? [y/n]: n

Please input domain(example: www.example.com): gj1.websoft9.cn Use your domain name

Please input the directory for the domain:gj1.websoft9.cn :
(Default directory: /data/wwwroot/gj1.websoft9.cn): /data/wwwroot/default/testlink

Create Virtual Host directory.....
set permissions of Virtual Host directory.....
domain=gj1.websoft9.cn

Do you want to add more domain name? [y/n]: n

Allow Apache access_log? [y/n]: y
You access log file=/data/wwwlogs/gj1.websoft9.cn_apache.log

Syntax OK
Restart Apache.....

#####
#   OneinStack for CentOS/RadHat 5+ Debian 6+ and Ubuntu 12+   #
#   For more information please visit https://oneinstack.com   #
#####
Your domain:          gj1.websoft9.cn
Virtualhost conf:     /usr/local/apache/conf/vhost/gj1.websoft9.cn.conf
Directory of:         /data/wwwroot/default/testlink
[root@i2bp1i4rjdsy216yq71gucZ oneinstack]# █
```

Step2. Install Testlink

Open your domain name via browser:

1. Click "New installation";

TestLink 1.9.16 (Moka pot) Installation

You are installing TestLink 1.9.16 (Moka pot)

Migration from 1.9.3/4/5/6/7/8/9/10/11/12/13/14/15 to 1.9.16 (Moka pot) require Database changes that has to be done MANUALLY. Please read README file provided with installation.

For information about Migration from older version please read README file provided with installation.

Please read Section on README file or go to <http://forum.testlink.org> (Forum: TestLink 1.9.4 and greater News,changes, etc)

Open [Installation manual](#) for more information or troubleshooting. You could also look at [README](#) or [Changes Log](#). You are welcome to visit our [forum](#) to browse or discuss.

Some user contributed videos (You Tube)

[Installation of "Testlink" & Creating project.](#)
[TestLink Test Management Tool Tutorial](#)
[Introduction to TestLink](#)
[TestLink Walkthrough](#)

New installation

*TestLink is a complicated piece of software, and has always been released under an Open Source license, and this will continue into the far future.
 It has cost thousands of hours to develop, test and support TestLink.
 If you find TestLink valuable, we would appreciate if you would consider buying a support agreement or requesting custom development.*

2. Agree the license, And then click "Continue";

TestLink TestLink 1.9.16 (Moka pot) - New installation

- Acceptance of License**
- Verification of System and configuration requirements
- Definition of DB access
- Create DB, testlink DB user, structures and default data & create configuration file.
- Verify the procedure result and continue to TestLink login.

TestLink is developed and shared under GPL license. You are welcome to share your changes with community. Please, confirm your understanding below.

The GNU General Public License is a Free Software license.

Like any Free Software license, it grants to you the four following freedoms:

- The freedom to run the program for any purpose.
- The freedom to study how the program works and adapt it to your needs.
- The freedom to redistribute copies so you can help your neighbor.
- The freedom to improve the program and release your improvements to the public, so that the whole community benefits.

You may exercise the freedoms specified here provided that you comply with the express conditions of this license. The principal conditions are:

- You must conspicuously and appropriately publish on each copy distributed an appropriate copyright notice and disclaimer of warranty and keep intact all the notices that refer to this license and to the absence of any warranty; and give any other recipients of the

I agree to the terms set out in this license.

3. Click "Continue";

For security reasons we suggest that directories tagged with [S] on following messages, will be made UNREACHABLE from browser.
Give a look to README file, section 'Installation & SECURITY' to understand how to change the defaults.

Checking if /data/wwwroot/default/testlink/gui/templates_c directory exists **OK**

Checking if /data/wwwroot/default/testlink/gui/templates_c directory is writable (by user used to run webserver process) **OK**

Checking if /var/testlink/logs/ directory exists **[S]** **OK**

Checking if /var/testlink/logs/ directory is writable (by user used to run webserver process) **OK**

Checking if /var/testlink/upload_area/ directory exists **[S]** **OK**

Checking if /var/testlink/upload_area/ directory is writable (by user used to run webserver process) **OK**

Your system is prepared for TestLink configuration (no fatal problem found).

4. Fill in database root account and set testlink database account, Click "Process Testlink Setup!";

TestLink TestLink 1.9.16 (Moka pot) - New installation

- Acceptance of License
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Database Configuration

Define your database to store TestLink data:

Database Type

Database host

Note: In the case that you DB connection doesn't use STANDARD PORT for , you need to add 'port_number', at the end Database host parameter. Example: you use MySQL running on port 6606, on server matrix then Database host will be matrix:6606

Enter the name of the TestLink database . The installer will attempt to create it if not exists.

Database name

*Disallowed characters in Database Name:
The database name can contains any character that is allowed in a directory name, except '/', '\', or '!'.*

Table prefix (optional)

*Note: This parameter should be empty for the most of cases.
Using a Database shared with other applications: Testlink can be installed (using this installer) on a existing database used by another application, using a table prefix.
Warning! PART OF INSTALLATION PROCESS CONSISTS on dropping all TestLink tables present on the database/schema (if any TestLink table exists). Backup your Database Before installing and load after this process.*

Set an existing database user with administrative rights (root):

Database admin login

Database admin password

*This user requires permission to create databases and users on the Database Server.
These values are used only for this installation procedures, and is not saved.*

Define database User for Testlink access:

TestLink DB login

TestLink DB password

*This user will have permission only to work on TestLink database and will be stored in TestLink configuration.
All TestLink requests to the Database will be done with this user.*

After successfull installation You will have the following login for TestLink Administrator:
login name: admin
password : admin

5. Installation was successful! You can now log in to Testlink (using login name:admin / password:admin).

TestLink 1.9.16 (Moka pot) TestLink 1.9.16 (Moka pot) - New installation

TestLink setup will now attempt to setup the database:

Creating connection to Database Server:OK!

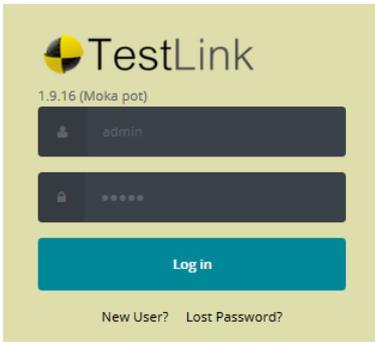
Database testlink does not exist.
Will attempt to create:
Creating database `testlink` :OK!
Creating Testlink DB user `testlinkuser` :OK! (ok - new user)
Processing:sql/mysql/testlink_create_tables.sql
OK!
Writing configuration file:OK!

YOUR ATTENTION PLEASE:
To have a fully functional installation You need to configure mail server settings, following this steps

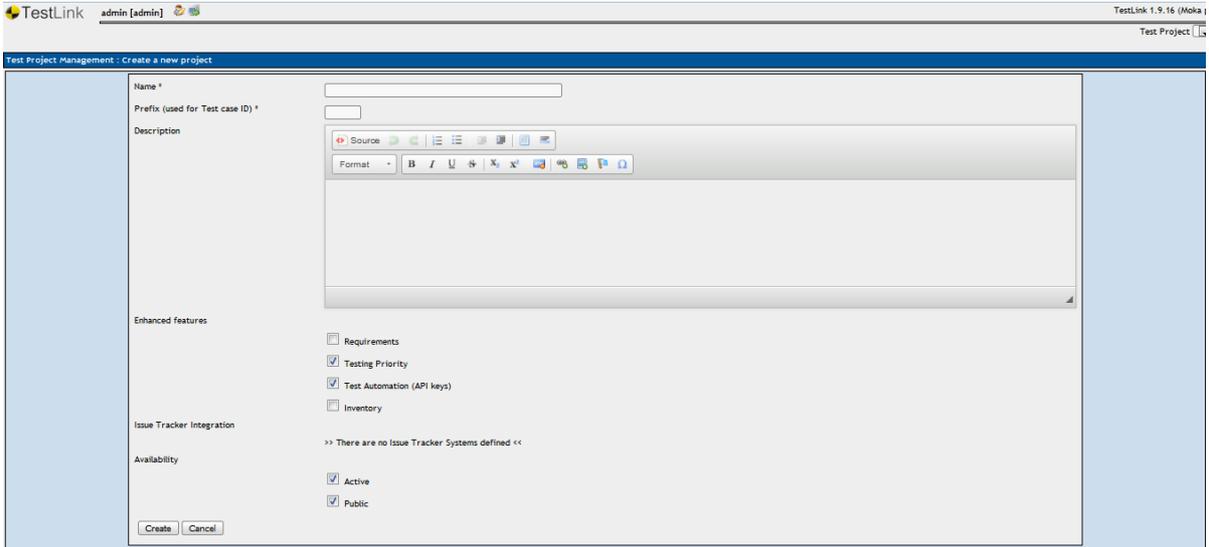
- copy from config.inc.php, [SMTP] Section into custom_config.inc.php.
- complete correct data regarding email addresses and mail server.

Installation was successful!
You can now log in to Testlink (using login name:admin / password:admin - Please Click Me!).

6. Log in to Testlink (using login name:admin / password:admin);



The Testlink Page:



More...

Links

- [Testlink.org](https://testlink.org)