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TestLink 测试管理工具 (Centos 7.2 64 位)

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常见问题说明：

操作系统为 centos 7.2 64 位,感谢您支持中电云集。

1、获取权限及安装

远程登录服务器：

下载 linux 端的远程工具 putty

下载后解压并打开 putty.exe，并输入您的服务器 IP 及端口，端口一般默认为 22。

输入 cat default.pass

```
[root@iZbp1ib1msf1e5jj8a2k03Z ~]# ll
total 4
-rw-r--r-- 1 root root 431 Sep 28 16:05 default.pass
[root@iZbp1ib1msf1e5jj8a2k03Z ~]# cat default.pass
+-----+
| YJCOM [ EASY CLOUD EASY WEBSITE]
+-----+
| Copyright (c) 2016 http://yjcom.com All rights reserved.
+-----+

MySQL database name: testlink
MySQL user: root
MySQL password: JRss[REDACTED]
FTP account: www
FTP password: SsMxv[REDACTED]
[root@iZbp1ib1msf1e5jj8a2k03Z ~]#
```

里面有数据库的 root 权限，自动生成数据库名，FTP 权限。

数据库的管理地址为：<http://您的 ip/phpmyadmin/>

TestLink 访问安装地址为：<http://您的 IP/index.php>（或者用您的域名解析到您的 IP 后，用域名访问安装）。

1)在浏览器中输入地址,开始安装，如下:

TestLink 1.9.15 (Tauriel) Installation

You are installing TestLink 1.9.15 (Tauriel)

Migration from 1.9.3/4/5/6/7/8/9/10/11/12 to 1.9.15 (Tauriel) 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)遵守开源协议,如下:

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 Program a copy of the GNU General Public License along with the Program. Any translation of the GNU

☒ I agree to the terms set out in this license.

Continue

3) 检测环境配置，如下：

TestLink

- Acceptance of License
- **Verification of System and configuration requirements**
- Definition of DB access
- Update DB structures and migrate data.
- Verify the procedure result and continue to TestLink login.

TestLink will carry out a number of checks to see if everything's ready to start the setup.

System requirements

Server Operating System (no constrains)	Linux
PHP version	OK (5.5.0 [minimum version] <= 7.0.10 [your version])

Maximum Session Idle Time before Timeout	40 minutes and 0 seconds - (OK)
Checking max. execution time (Parameter max_execution_time)	OK (120 seconds)
Checking maximal allowed memory (Parameter memory_limit)	OK (128 MegaBytes)
Checking if Register Globals is disabled	OK
Checking MySQL Database	OK
Checking Postgres Database	Failed! Postgres Database cannot be used.
Checking MSSQL Database	Failed! MSSQL Database cannot be used.
Checking GD Graphic library	OK
Checking LDAP library	OK
Checking JSON library	OK
Checking cURL library	OK

Read/write permissions

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 /yjdata/www/wwwroot/gui/templates_c directory exists	OK
Checking if /yjdata/www/wwwroot/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

 Continue

4) 配置数据库连接信息，按图操作，如下：

Database Backup

Warning! You have requested an Upgrade, this process will MODIFY your current TestLink Database. We STRONGLY recomend you to backup your database before this point. See DB manual for more

I have the back-up ☐

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 for upgrade.

Database name

Table prefix (optional)

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.

5) 安装完毕，后台默认登录用户 admin，密码为 admin，首次登录后一定要修改，如下：



至此，站点就已经安装完成了。

2、软件安装路径

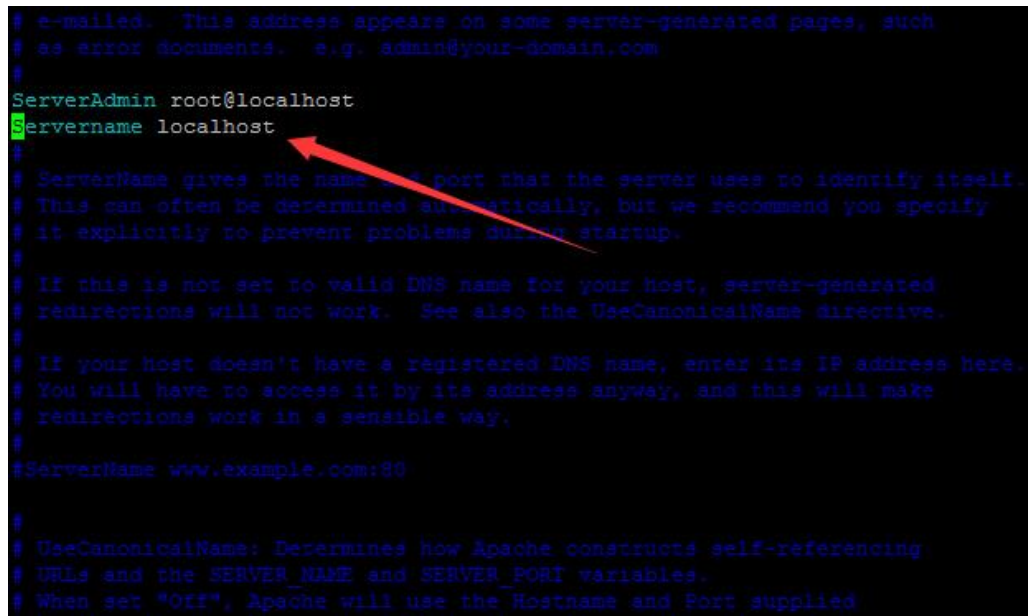
软件名称	路径地址
默认站点 www 根目录	/yjdata/www/wwwroot
Apache2.4.6	/etc/httpd
php7.0	/usr/local/php
mysql5.6	/var/lib/mysql
Testlink-1.9.15	/yjdata/www/wwwroot

3、绑定域名

默认 IP 已经可以访问，您的域名解析到 IP 后即可使用！

如果需要在服务器里做绑定操作，按如下：

打开配置文件 `vim /etc/httpd/conf/httpd.conf` 找到 `Servername` 选项，



```
# e-mailed.  This address appears on some server-generated pages, such
# as error documents.  e.g. admin@your-domain.com
#
ServerAdmin root@localhost
ServerName localhost
#
# ServerName gives the name and port that the server uses to identify itself.
# This can often be determined automatically, but we recommend you specify
# it explicitly to prevent problems during startup.
#
# If this is not set to a valid DNS name for your host, server-generated
# redirections will not work.  See also the UseCanonicalName directive.
#
# If your host doesn't have a registered DNS name, enter its IP address here.
# You will have to access it by its address anyway, and this will make
# redirections work in a sensible way.
#
#ServerName www.example.com:80
#
# UseCanonicalName: Determines how Apache constructs self-referencing
# URLs and the SERVER_NAME and SERVER_PORT variables.
# When set "Off", Apache will use the Hostname and Port supplied
```

将 `localhost` 改为 `www.XXX.com` 即可（`www` 后面用您自己的域名代替）

4、常用命令

服务启动，停止，重启操作

mysql: `systemctl (start|stop|restart) mysqld.service`

vsftpd: `systemctl (start|stop|restart) vsftpd.service`

httpd: `systemctl (start|stop|restart) httpd.service`