



## Supported Server Configurations

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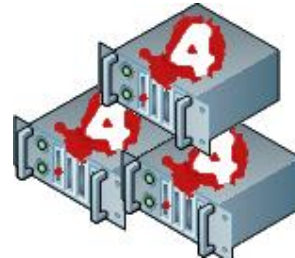
**Game Server and Web  
Server as One**



**1 Game Server and 1 Web**



**Multiple Game Servers and  
1 Web**



# Game Server and Web Server as One

1. Configure your Left4Dead Dedicated server's server.cfg as follows:

```
// Provides the most accurate results
```

```
sv_log_onefile 1
```

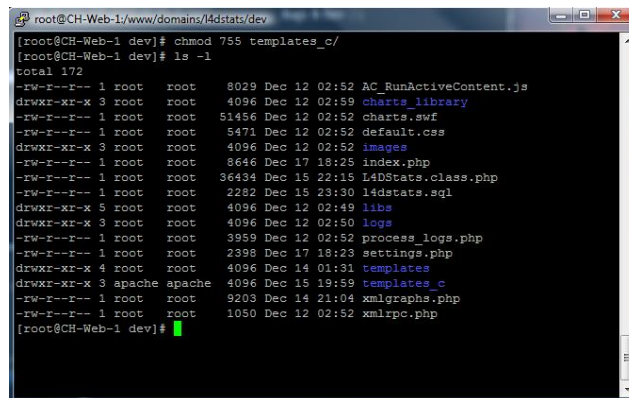
```
//Ensures that logging actually takes place
```

```
sv_log 1
```

2. Unzip L4DStats\_X.X.zip
3. Move the contents of the LAMP folder to your web directory (/var/www/html/)
4. Once uploaded you will need to make the templates\_c directory writeable by Apache.

```
chown apache:apache templates_c
```

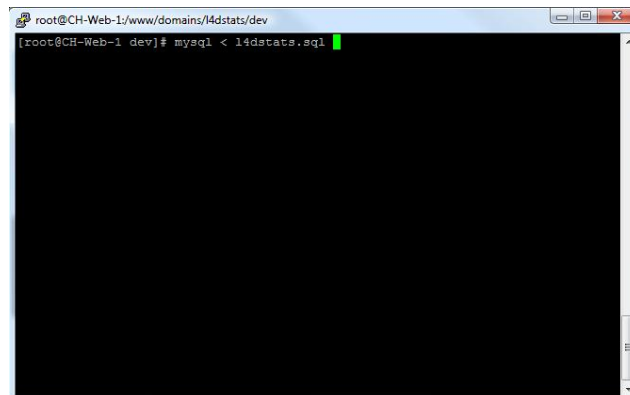
```
chmod 755 templates_c
```



```
root@CH-Web-1:/www/domains/l4dstats/dev
[root@CH-Web-1 dev]# chmod 755 templates_c/
[root@CH-Web-1 dev]# ls -l
total 172
-rw-r--r-- 1 root root 8029 Dec 12 02:52 AC_RunActiveContent.js
drwxr-xr-x 3 root root 4096 Dec 12 02:59 charts_library
-rw-r--r-- 1 root root 51456 Dec 12 02:52 charts.swf
-rw-r--r-- 1 root root 5471 Dec 12 02:52 default.css
drwxr-xr-x 3 root root 4096 Dec 12 02:52 images
-rw-r--r-- 1 root root 8646 Dec 17 18:25 index.php
-rw-r--r-- 1 root root 36434 Dec 15 22:15 L4DStats.class.php
-rw-r--r-- 1 root root 2282 Dec 15 23:30 l4dstats.sql
drwxr-xr-x 5 root root 4096 Dec 12 02:49 libs
drwxr-xr-x 3 root root 4096 Dec 12 02:50 logs
-rw-r--r-- 1 root root 3959 Dec 12 02:52 process_logs.php
-rw-r--r-- 1 root root 2398 Dec 17 18:23 settings.php
drwxr-xr-x 4 root root 4096 Dec 14 01:31 templates
drwxr-xr-x 3 apache apache 4096 Dec 15 19:59 templates_c
-rw-r--r-- 1 root root 9203 Dec 14 21:04 xmlgraphs.php
-rw-r--r-- 1 root root 1050 Dec 12 02:52 xmlrpc.php
[root@CH-Web-1 dev]#
```

5. Import the MySQL template into your database (the template uses a default Database of 'L4DStats' ensure you change the 'use database' if different)

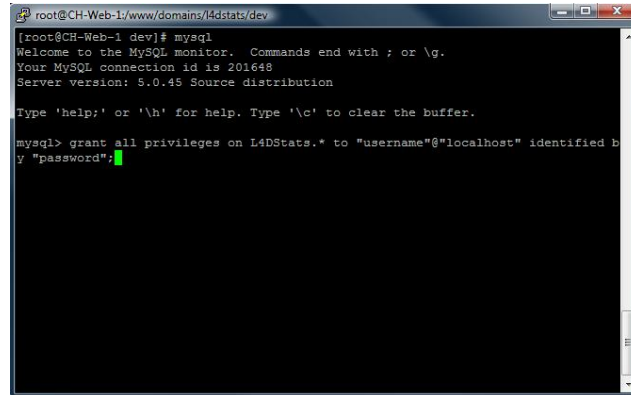
```
mysql < l4dstats.sql
```



```
root@CH-Web-1:/www/domains/l4dstats/dev
[root@CH-Web-1 dev]# mysql < l4dstats.sql
```

6. Once the DB Structure is imported you will need to add a user so that L4DStats can access the DB.

**grant all privileges on L4DStats.\* to "username"@"localhost" identified by "password";**

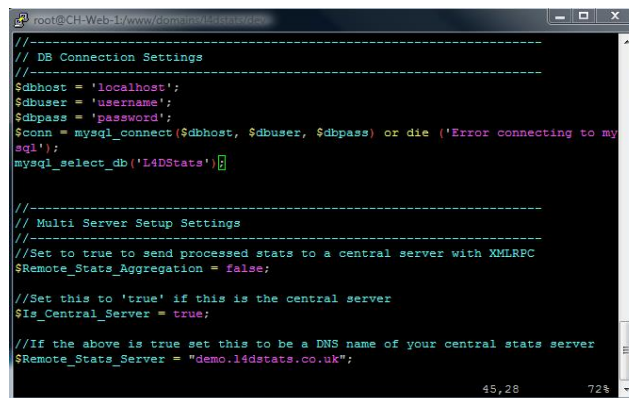


```
root@CH-Web-1:/www/domains/l4dstats/dev
[root@CH-Web-1 dev]# mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 201648
Server version: 5.0.45 Source distribution

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> grant all privileges on L4DStats.* to "username"@"localhost" identified b
y "password";
```

7. You now need to add the username and password you've just created to settings.php, you'll need to edit the \$dbuser and \$dbpass fields.



```
root@CH-Web-1:/www/domains/l4dstats/dev
//-----
// DB Connection Settings
//-----
$dbhost = 'localhost';
$dbuser = 'username';
$dbpass = 'password';
$conn = mysql_connect($dbhost, $dbuser, $dbpass) or die ('Error connecting to my
sql');
mysql_select_db('L4DStats');

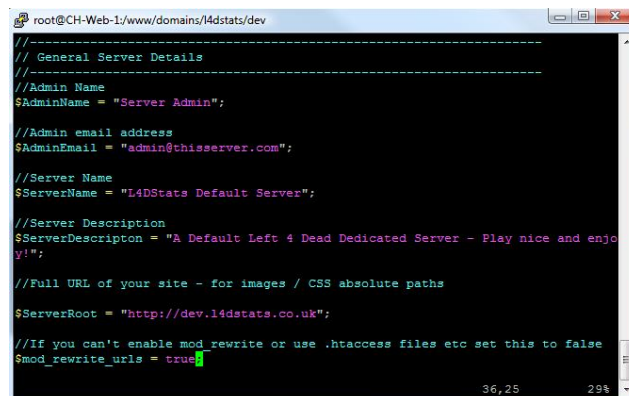
//-----
// Multi Server Setup Settings
//-----
//Set to true to send processed stats to a central server with XMLRPC
$Remote_Stats_Aggregation = false;

//Set this to 'true' if this is the central server
$is_Central_Server = true;

//If the above is true set this to be a DNS name of your central stats server
$Remote_Stats_Server = "demo.l4dstats.co.uk";

45,28 72%
```

8. You now need to set \$ServerRoot to be the fully qualified domain name of your site, this is so the absolute path for images / CSS works.



```
root@CH-Web-1:/www/domains/l4dstats/dev
//-----
// General Server Details
//-----
//Admin Name
$AdminName = "Server Admin";

//Admin_email address
$AdminEmail = "admin@thisserver.com";

//Server Name
$ServerName = "L4DStats Default Server";

//Server Description
$ServerDescription = "A Default Left 4 Dead Dedicated Server - Play nice and enjo
y!";

//Full URL of your site - for images / CSS absolute paths
$ServerRoot = "http://dev.l4dstats.co.uk";

//If you can't enable mod_rewrite or use .htaccess files etc set this to false
$mod_rewrite_urls = true;

36,25 29%
```

The settings.php file allows you to make a lot of other changes in regards to the look and feel of your L4DStats installation.

The section titled "General Server Details" allows you to specify the Admin name, their email address, the name of the Server (i.e Host Provider / Clan Name) and Server Description. These are optional but it is recommended that they be changed.

If you cannot enable .htaccess files or do not have the mod\_rewrite module enabled on your server set \$mod\_rewrite\_urls to be false (*this is the default*).

9. Change the \$LogsDir variable in settings.php to point to where your log files are OR
10. Create a cron script that copies the logs from your srcds log path to the logs directory where L4DStats is installed and then calls process\_logs.php i.e

```
#!/bin/bash  
mv /srcds/l4d/left4dead/logs/*.log /var/www/html/l4dstats/logs/  
php /var/www/html/l4dstats/process_logs.php
```

# 1 Web and 1 Game Server

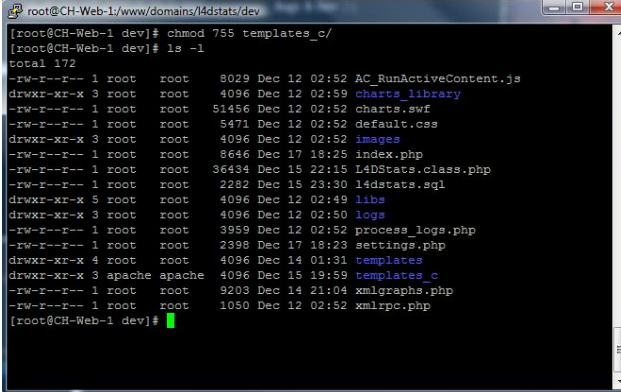
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1. On the **Game Server** configure your server.cfg as follows:

```
// Provides the most accurate results
sv_log_onefile 1
//Ensures that logging actually takes place
sv_log 1
```

2. On the **Web Server** Unzip L4DStats\_X.X.zip
3. Move the contents of the LAMP folder to your web directory (/var/www/html/)
4. You will need to make the templates\_c directory writeable by Apache.

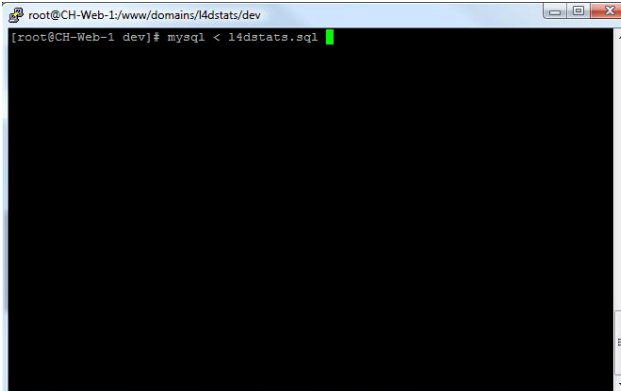
```
chown apache:apache templates_c
chmod 755 templates_c
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```
root@CH-Web-1/www/domains/l4dstats/dev
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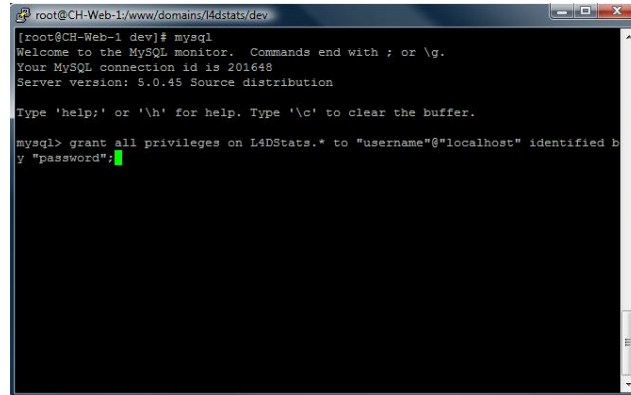
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root@CH-Web-1/www/domains/l4dstats/dev
[root@CH-Web-1 dev]# mysql < l4dstats.sql
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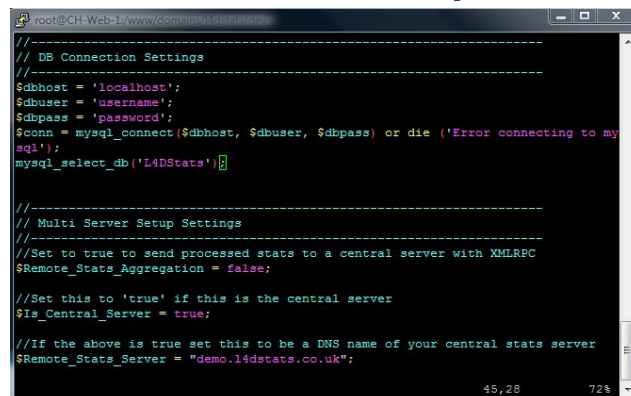


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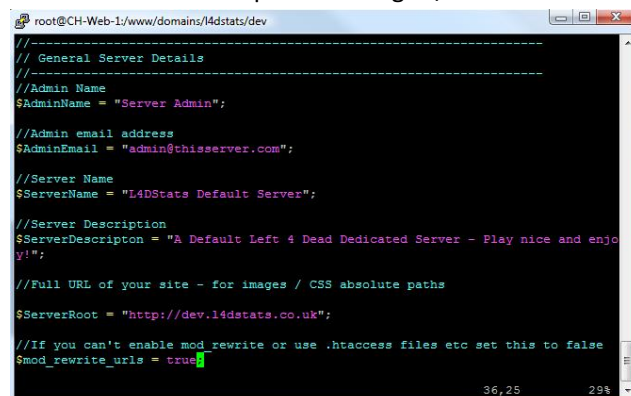
mysql> grant all privileges on L4DStats.* to "username"@"localhost" identified by
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//-----
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$conn = mysql_connect($dbhost, $dbuser, $dbpass) or die ('Error connecting to my
sql');
mysql_select_db('L4DStats');
```

8. You now need to set \$ServerRoot to be the fully qualified domain name of your site, this is so the absolute path for images / CSS works.



```
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//-----
// General Server Details
//-----
//Admin Name
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//Server Name
$ServerName = "L4DStats Default Server";

//Server Description
$ServerDescription = "A Default Left 4 Dead Dedicated Server - Play nice and enjo
y!";

//Full URL of your site - for images / CSS absolute paths
$ServerRoot = "http://dev.l4dstats.co.uk";

//If you can't enable mod_rewrite or use .htaccess files etc set this to false
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If you cannot enable .htaccess files or do not have the mod\_rewrite module enabled on your server set \$mod\_rewrite\_urls to be false (*this is the default*).

9. There are several options available to your for parsing the logs:

- a. Windows Server:

Get the .NET parser and run a scheduled task to parse the logs and send the data to the remote Web Server

L4DStats\_Console.exe **LogsDirectory** **websiteURL** **XMLRPCPassword** **ServerID**

L4DStats\_Console.exe **E:\left4dead\logs\** **demo.l4dstats.co.uk** **L4DRocks** **1**

- b. Upload the logs via FTP from your game server to the WebServer and process the logs using the PHP parser:

**#!/bin/bash**

**mv /ftpupload/\*.\*log /var/www/html/l4dstats/logs/**

**php /var/www/html/l4dstats/process\_logs.php**

# Multiple Server Configurations

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Follow steps 1 – 8 of the 1 Web & 1 Game server configuration but at step 9 you will either need to change the ServerID if processing the logs with the .NET Binary or do nothing different if processing with PHP

## Notes

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The .NET Parser and the PHP Parser do things slightly differently (*mainly in regards to Player Names*) so do not mix the parsers as this will cause slight issues (*duplicate player names for instance*) . This will eventually be sorted.

Help is always available in the forums: <http://www.L4DStats.co.uk/forums/>

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Changes, suggestions and offers of help are always welcome, just email me:

**Gareth@L4DStats.co.uk**