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PHP Fatal error: Allowed Memory Size of 20971520 Bytes exhausted (tried to allocate 131072 bytes) Error and Solution

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I've brand new Ubuntu Linux server (Apache + PHP5 FastCGI + Lighttpd image only server) installed for my wordpress, mediawiki and vBulletin software. I can load frontpage of all software but user cannot edit any wiki pages or post anything and I get the following error in log file:



PHP Fatal error: Allowed Memory Size of 20971520 Bytes exhausted (tried to allocate 131072 bytes) in /usr/share/mediawiki/includes/OutputHandler.php on line 81

How do I fix this problem?

Ubuntu / Debian PHP5 comes with 16MB php memory limit. Edit /etc/php5/cgi/php.ini, /etc/php5/apache2/php.ini and /etc/php5/cli/php.ini files, run:



```
sudo vi /etc/php5/cgi/php.ini
sudo vi /etc/php5/cli/php.ini
sudo vi /etc/php5/apache2/php.ini
```

Set maximum amount of memory (e.g., 128M) a script may consume:

```
memory_limit = 128M
```

Save and close the file. However, real enforcer is suhosin security patch applied to PHP5. Edit /etc/php5/conf.d/suhosin.ini, run:

```
sudo vi /etc/php5/conf.d/suhosin.ini
```

Set allowed memory size (128M):

```
suhosin.memory_limit = 128
```

Save and close the file. Note if /etc/php5/conf.d/suhosin.ini file not found, type the following command to install the same, enter:

```
sudo apt-get install php5-suhosin
```

Finally, [restart the web](#) ^[3] server:

```
sudo /etc/init.d/apache2 restart
```

OR

```
sudo /etc/init.d/lighttpd [4] restart
```

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URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/category/php/>

[2] Image: <http://www.cyberciti.biz/faq/category/ubuntu-linux/>

[3] restart the web: <http://www.cyberciti.biz/faq/star-stop-restart-apache2-webserver/>

[4] /etc/init.d/lighttpd: <http://www.cyberciti.biz/faq/stop-lighttpd-server/>

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