Special configurations with Virtualmin

How to install WikiSuite documents a typical installation. But your needs can differ.

As of 2022-10-09, this page is still a draft.

The goal is to document (or even better point to documentation) about

- Change server-wide settings via CLI (Webmin)
- Change server-wide settings via GUI (Webmin)
- Overriding settings for one site via CLI (Virtualmin)
- Overriding settings for one site via GUI (Virtualmin)
- Overriding settings for one site via text file (like .user.ini) which work well for cloneandupgrade

Should we have a default .user.ini? Perhaps with some common settings commented out?

Should we have _user.ini for default values? And we can have an alias like we do for .htaccess to _htaccess?

.user.ini

Create a file names .user.ini and put it in your Tiki directory (and wait a few minutes)

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>post_max_size</td>
<td>1000M</td>
</tr>
<tr>
<td>memory_limit</td>
<td>4000M</td>
</tr>
<tr>
<td>upload_max_filesize</td>
<td>1000M</td>
</tr>
<tr>
<td>display_errors</td>
<td>On</td>
</tr>
<tr>
<td>error_reporting</td>
<td>E_ALL</td>
</tr>
</tbody>
</table>

Display error messages

To do: document way to override for whole server. Ex.: a dev server could have always at on, or per site.

Virtualmin -> (pick the Virtual Server or Sub Server) -> Services -> PHP-FPM Configuration -> Error Logging

- Display error messages: Yes
- Error types to display: All errors and warnings

Change PHP version

Virtualmin -> (pick the Virtual Server or Sub Server) -> Server Configuration -> PHP Version

You should not change the "PHP script execution mode" unless you know what you are doing.
WikiSuite: The most comprehensive and integrated Open Source enterprise solution.

**OPcache**

tiki-admin.php?page=performance -> Bytecode Cache can report a setting to be adjusted:
opcache.memory_consumption

One way (perhaps not the cleanest) is to find the php.ini file for opcache for your php. Ex.:
/etc/php/7.4/fpm/conf.d/10-opcache.ini and

```bash
opcache.memory_consumption=128
```

and restart your Apache server (or reboot the whole server). Then, check tiki-admin.php?page=performance after a while.

**zlib.output_compression**

On ClearOS, it was recommended to put zlib.output_compression = 1 in .user.ini What about Virtualmin?

We will propose a change of default setting as per: https://dev.tiki.org/Review-Performance-for-2023