

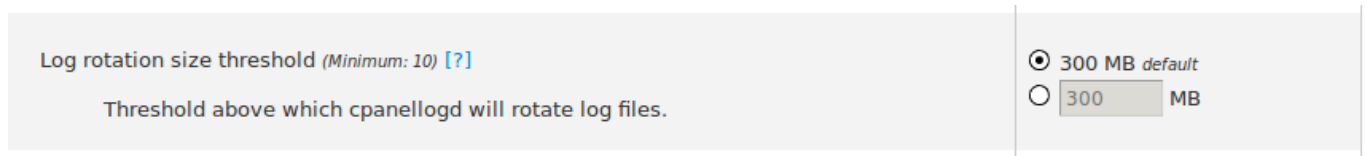
# Web Hosting

## How to setup Cpanel and Apache log rotation

### How to setup Cpanel and Apache log rotation in WHM

#### **cpanel log rotation:**

1. Login to WHM.
2. Select "Tweak Settings" under "Server Configuration" tab in the left side menu.
3. Under the tab "Stats & Logs" go to "Log rotation size threshold" settings.



The screenshot shows the WHM configuration interface for log rotation. On the left, the text reads "Log rotation size threshold (Minimum: 10) [?]" and "Threshold above which cpanellogd will rotate log files." On the right, there are two radio button options: "300 MB default" (which is selected) and "300 MB" (with a text input field containing "300").

4. Select the threshold size above which old logs will be rotated. Logs will be rotated based upon their size. Files are only rotated when they grow larger than the limit you set here or the default of 300MB.
5. Click "Save" to update the changes made.

#### **apache log rotation:**

1. Login to WHM.
2. Select "Apache Configuration" under "Service Configuration" tab in the left side menu.

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**Apache Configuration**

**Global Configuration**  
Here you can configure some common directives in httpd.conf's main context.

**PHP and suEXEC Configuration**

**DirectoryIndex Priority**  
The DirectoryIndex directive in Apache specifies which filenames will serve as the directory index page matching filename exists. This interface allows the priority order

3. Select "Log Rotation" in the Apache configuration page.

Home >> Service Configuration >> Apache Configuration

**Memory Usage Restrictions**  
This tool calculates and sets new Apache memory limits. You can update your Apache configuration with the new limits. See [RLimitMEM](#) documentation for more information.

**Log Rotation**  
Manage which Apache log files are rotated.

**Piped Log Configuration**  
Configure Apache to use a single log target for all virtual host access and bandwidth logs. The combined logs will be piped to a helper application where they can be split based upon domain. This option will reduce the number of log files Apache manages, which will free system resources. Piped logging is recommended for systems with a large number of domains. By default this feature is disabled, and Apache will create distinct log files for each virtual host entry.

4. Click the link "WHM >> Tweak Settings >> Log Rotation Size Threshold" to define the size of log file.

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## Apache Log Rotation Configuration

Files from `/usr/local/apache/logs` selected below will be rotated based upon their size. The rotated files will be compressed and stored in `/usr/local/apache/logs/archive/`. The files are named to include the month in which they are rotated. Consequently, the file names **do not relate** in any way to the content of the file being rotated. Files are only rotated when they grow larger than the [WHM >> Tweak Settings >> Log Rotation Size Threshold](#) or the default of 300MB. The archived log files are left in place indefinitely. Files not chosen here will not ever be rotated by cPanel software.

- access\_log (in rotation)
- error\_log (in rotation)
- modsec\_debug\_log
- suexec\_log (in rotation)
- suphp\_log (in rotation)

Save

5. Set the limit in "Log rotation size threshold" and click "Save".



The screenshot shows the WHM Tweak Settings interface. The 'Logging' tab is selected. The search bar contains 'rotatelog\_size\_thresh'. The 'Stats and Logs' section is visible. The 'Log rotation size threshold' is set to 300 MB, with a radio button selected for '300 MB default' and another radio button for '300 MB'.

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