

Cloud VPS Servers

How to Deal with 'Low Disk Space' Condition on Your Dedicated Server.

If you get a warning message that you have low disk space on your server, there is a simple thing that you can do to remedy this.

First thing is to check where the heavy usage of space is. In many cases this heavy disk space usage is caused by website log files.

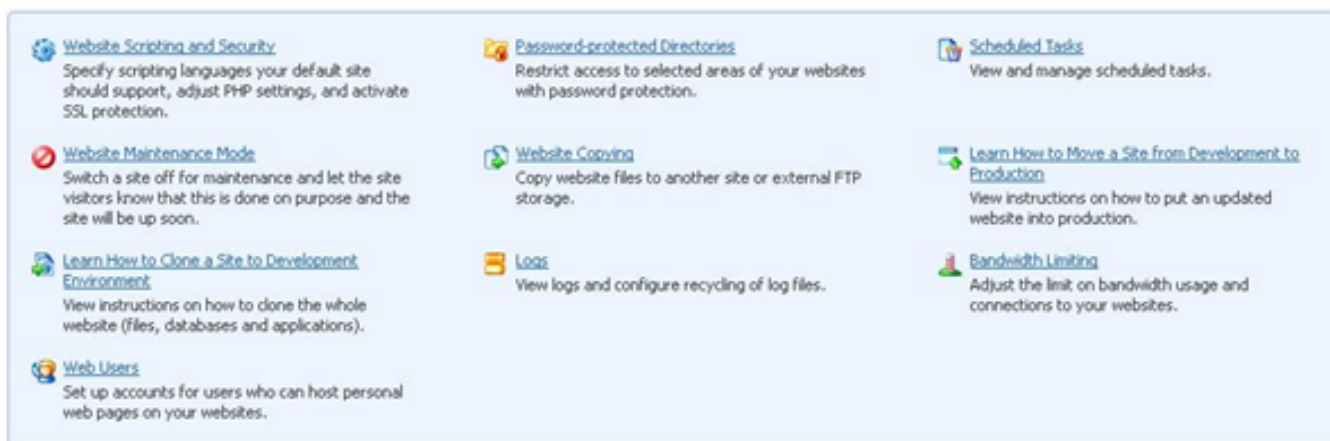
The simplest solution is to remove obsolete website log files, which can be done by setting up Log Rotation on your system, so that obsolete log files are removed from the system.

To switch on Log Rotation for a website:

Plesk > Domains > domain.com > Websites & Domains > Advanced Operations > Logs > Log Rotation

1) In Plesk go to the domain we are working on and click on 'Website & Domains' and in the Advanced Operations box select 'Logs'.

▼ Hide Advanced Operations



The screenshot shows the 'Advanced Operations' menu in Plesk, which is expanded to show various tools. The 'Logs' option is highlighted, indicating the next step in the process. The menu items include:

- Website Scripting and Security**: Specify scripting languages your default site should support, adjust PHP settings, and activate SSL protection.
- Website Maintenance Mode**: Switch a site off for maintenance and let the site visitors know that this is done on purpose and the site will be up soon.
- Learn How to Clone a Site to Development Environment**: View instructions on how to clone the whole website (files, databases and applications).
- Web Users**: Set up accounts for users who can host personal web pages on your websites.
- Password-protected Directories**: Restrict access to selected areas of your websites with password protection.
- Website Copying**: Copy website files to another site or external FTP storage.
- Logs**: View logs and configure recycling of log files.
- Scheduled Tasks**: View and manage scheduled tasks.
- Learn How to Move a Site from Development to Production**: View instructions on how to put an updated website into production.
- Bandwidth Limiting**: Adjust the limit on bandwidth usage and connections to your websites.

2) Select the 'Log Rotation' icon in 'Tools' which will open a 'Configure Rotation of log files' screen in 'Log Manager'.

Cloud VPS Servers



3) Select the settings for the rotation of your log files.


Cloud VPS Servers

Home Users **Websites & Domains** Mail Applications

Log manager ▶

Configure Rotation of Log Files for Website

Tools

 Switch Off

Settings

Log rotation condition * by size KB
 by time

Maximum number of log files

Compress log files

Send processed log files to e-mail

* Required fields

It is notoriously unreliable to configure Log Rotation to rotate logs by file size and instead we recommend the following settings.

Log rotation condition = Daily
Maximum number of log files = 2
Compress Log Files = Tick

Hopefully the advice in this FAQ will help ensure you do not suffer from your disk space becoming exhausted too soon and consequently cause a failure in your services.

If however, you are not able to reduce the disk space you use it might be time for an upgrade. If you wish to discuss upgrade options please do not hesitate to contact us by calling on Tel: 0844 833 0333.

Cloud VPS Servers

(Please note: screenshots are for Power User view, which will be different to that with Service Provider view)

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