

# Check Total Space and Available Free Space in the Hosting Web Server

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### In brief

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If you want to check the hard disk capacity of your server including the total space of the disk and the available free space in the server. Just create a php file in your server, for eg : disk-info.php and add the following code in it.

```
$diskSpace = disk_total_space("/");
$diskSpaceGB = formatSizeUnits($diskSpace);
echo 'Total Disk Space : ' . $diskSpaceGB;
echo '-----';
$freeDisk = disk_free_space(".");
$diskFreeSpaceGB = formatSizeUnits($freeDisk);
echo 'Total Free Space : ' . $diskFreeSpaceGB ;
function formatSizeUnits($bytes)
{
if ($bytes >= 1073741824)
{
$bytes = number_format($bytes / 1073741824, 2) . ' GB';
}
elseif ($bytes >= 1048576)
{
$bytes = number_format($bytes / 1048576, 2) . ' MB';
}
elseif ($bytes >= 1024)
{
$bytes = number_format($bytes / 1024, 2) . ' KB';
}
elseif ($bytes > 1)
{
$bytes = $bytes . ' bytes';
}
```

```
}  
elseif ($bytes == 1)  
{  
$bytes = $bytes . ' byte';  
}  
else  
{  
$bytes = '0 bytes';  
}  
return $bytes;  
}
```

Run the file in your browser eg : <http://yourdomain.com/disk-info.php>

You can view the total space and free space in your hosted disk in the server.