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How To Measure The Data Transfer Required Of Your Web Site?

First, we see that bandwidth. The term refers to the bandwidth of the data flow inside and outside your site to other customers and vice versa. The bandwidth must be purchased and is not free. More bandwidth users, more data simultaneously and at the same time, all tracks are served in a shared benefit. But as I said, the bandwidth is not free and is commercially exploitable.

So one has to calculate how much of the bandwidth is getting used daily. On the basis of this, You would be able to predict the optimum value of bandwidth required. Calculation of bandwidth helps you decide on the cheap hosting plan you might give your verdict to.

Calculation of bandwidth is not a big task. Many host providers, providing numerous cheap hosting plans also can help you with the calculation of bandwidth. But this can be done by you as well. To calculate the bandwidth: It would get clearer if explained with an example. There is a site whose file size is say 100kb. Of which 30 kb is the text and rest is all images which includes, background, logo etc. There are 7 pages like this in the site. On an average 4 pages are viewed by a user. And on an average there are 15000 users every month, surfing the site. Based on this, the bandwidth can be calculated as $100\text{kb} * 4\text{page} * 15000 = 6000000 \text{ kb} = 6000 \text{ mb} = 6 \text{ GB}$.

The server serves as much as 6 GB per month which is 200 mb per day or 2.3 kb per sec. for servers this is not a big problem, but the actual sites don't go with so small size. So one needs to check on the daily usage and depending on this, bandwidth varies.

There ability be a adventitious that added sites are application up your bandwidth. Images, audio, video files use up lot added bandwidth than plain, simple text. So the aboriginal affair to analysis out is what of these is present in your site, which is bistro up your bandwidth. There are altered bargain hosting affairs which accommodate to amount images and audio video files on added servers appropriately extenuation your bandwidth. Appropriately it becomes appealing acute to acquisition out what bandwidth is appropriate for the site, so as to adjudge on the added factors of web armpit maintenance.

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