Web Hosting Report

1. What is a web server? Why would you need one?
   1. A web server is both hardware and software.
      1. Hardware
         1. a webserver is a computer that stores web server software and a website’s component files. It is connected to the internet and supports physical data interchange with other devices connected to the web.
      2. Software
         1. A webserver includes several parts that control how web users access hosted files, at minimum an HTTP server. HTTP server is a piece of software that understands URLs (web addresses) and HTTP. It can be accessed through the domain names of websites it stores, and delivers their content to the end user’s device.
   2. You need a web server to both store your files and so that users can access those files through your domain name.
2. Explain why getting a domain name is not enough to put your site up on the web.
   1. A domain just gives you the right to what the unique name and location of your site. The web hosting is where your files access the web. When you have both your domain needs to connect to the web-server that is hosting your files.
3. What service does a website hosting company provide?
   1. They provide the storage and accessibility for the files of each client’s website.
4. What are the most important characteristics to look for in selecting a good web hosting company?
   1. Bandwidth, Reliability, Support, and Storage are the most important characteristics.
5. Research companies that provide website hosting plans. On average, what is the price range (price per month) for hosting a website?
   1. Average price per month for the top 10 web hosting sites on firstguide.com was $3.83
6. What are the most important features for you when reviewing a hosting plan?
   1. Bandwidth for web traffic
   2. Disk Storage Space
   3. Reliability
   4. Cost
   5. Support.
7. A table listing the most important web hosting features comparing the offerings of the three hosting companies and their price.
8. Identify one of the companies and hosting plans as the best value for the price.
   1. I like HostGator on their specs and what they have to offer. I would pursue them as my web host.

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| Company | InMotion | WebHostingHub | SiteGround | BlueHost | HostGator | Arvixe | GreenGeeks | GoDaddy | iPage | FatCow |
| Domain-Name Registration Costs | $14.99 | $14.99 | $14.99 | $15.99 | $12.95 | NA | NA | $14.99 | NA | $16.99 |
| Database Support | MySQL | MySQL | MySQL | MySQL | MySQL | MySQL | MySQL | MySQL MS SQL | MySQL | MySQL |
| Website-Traffic Limitations | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| Server Storage Space | Unlimited | Unlimited | 10 GB | Unlimited | Unlimited | Unlimited | Unlimited | 100 GB | Unlimited | Unlimited |
| Cost per month (Without Discount) | $4.89 | $3.99 | $3.05 | $3.49 | $3.96 | $4.00 | $3.96 | $3.99 | $1.99 | $5.00 |