Hosting & File Transfer

Week 4: Go Live

TYPES OF HOSTING

- Shared Server Hosting

- Virtual Private Server (VPS) Hosting

- Dedicated Server Hosting

- Cloud Hosting

SHARED HOSTING

- **Definition:** One's web site is placed on the same server as many other sites, ranging from a few to hundreds or thousands

- **Disadvantage:** No root access, limited ability to handle high traffic levels or spikes, site performance can be affected by other sites on the same server.

- **Recommendation:** Hostgator, Bluehost

VPS HOSTING

- **Definition:** A virtual private server hosting divides a server into virtual servers, where each websites is like hosted on their own dedicated server, but they're actually sharing a server with a few different other users.

- **Disadvantage:** Limited ability to handle high traffic levels or spikes, your site performance can still be somewhat affected by other sites on the server.

- **Recommendation:** Linode, DigitalOcean

DEDICATED HOSTING

- **Definition:** A dedicated server offers the maximum control over the web server your website is stored on – You exclusively rent an entire server.

- **Disadvantage:** Cost

- **Recommendation:** Rackspace

CLOUD HOSTING

- **Definition:** Cloud hosting offers unlimited ability to handle high traffic or traffic spikes. Here's how it works: A team of servers (called a cloud) work together to host a group of websites. This allows multiple computers to work together to handle high traffic levels or spikes for any particular website.

- **Recommendation:** Rackspace

- **Disadvantage:** Many cloud hosting setup do not offers root access (required to change server settings and install some software), higher cost.

HOSTING GUIDE

KNOW YOUR NEEDS

- What kind of website are you building?

- Do you need Windows applications?

- Do you need a special version of software (ie. PHP)?

- Does your website need special software?

- How big (or small) can the web traffic volume go?

PRICE

- Jumping on the cheapest offer you see isn't necessarily the best idea, especially if you rely on your site to make money.

- http://www.hostmonk.com/

TECH SUPPORT

- Type of support - email, toll-free phone, chat

- Scope of support

- Response time

CONTROL PANEL

- How do you access it?

SERVER UPTIME RECORD

- **Uptime** is a measure of the time a machine, typically a computer, has been working and available.

- **Recommendation:** Pingdom

File Transfer Protocol (FTP)

- FTP is a standard network protocol used to transfer files from one computer to another over Internet. Webmasters use FTP clients like FTP Pro and Cute FTP to upload and download files to/from their hosting server.

- FTP clients: Smart FTP, File Zilla, Cute FTP, and core FTP, Cyberduck

Secure File Transfer Protocol (SFTP)

- SFTP enables secure file transfer capabilities between networked hosts

- FTP is an insecure protocol that should only be used in limited cases or on networks you trust.

References

- http://www.webhostingsecretrevealed.net/web-hosting-beginner-guide/