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Module 1: Understanding Servers

1.) What are the three basic technologies needed to run a website?

The three basic technologies needed to run a website are Hosting, CGI Scripts and ASP (Active Server Pages). There are different hosting options depending on the operating system you use. Windows hosting is the hosting of web services that runs on the Windows operating system. Unix hosting runs on the Unix operating system and was the first web server system. Linux runs on the Linux operating system. CGI Scripts are executables that will execute on the server to produce dynamic and interactive web pages and is most common on Unix or Linux servers. Most ISPs offer CGI capabilities. ASP is a server-side scripting technology developed by Microsoft, which can be used to create web pages by putting script code inside your HTML pages. There are also alternatives to ASP such as PHP, which is free, efficient and well suited for web development. It is also used together with Apache on various operating systems. JSP is another server side technology like ASP, developed by Sun.

2.) What are local files, what are web servers, what is FTP and how are they related?

Web pages are files stored on computers that are connected to a network called web servers. FTP (File Transfer Protocol) is a protocol for transferring files from one

computer to another computer. FTP allows you to transfer your local files from your computer to a host, which will get them on the web and allow others to view them.

3.) What is AFS Space and what does it allow you to do?

AFS (Andrew File System), is remote storage space that can be used to back up files, post personal websites, and access files from anywhere you have a connection to the Internet. AFS Space makes your files accessible in a variety of ways in a sense that it offers a similar portability as memory sticks or floppy disks but is a more reliable way of keeping data safe.

4.) What is the URL for the web space MSU provides for you in your AFS space?

The URL for the web space MSU provides in my AFS space is

<http://msu.edu/~aponegin>.