

## Introduction:

This is a breakdown of my knowledge and understanding of the following technologies. They include: HTML, DHTML, PHP, CGI, PERL, KSH, RKSH, Bourne Scripting, MySQL, Postgresql.

**HTML**- I have roughly 4 years of HTML experience. I can support and create extended web sites.

**DHTML**- With new browser capabilities, the ability to bring out dynamic and creative web enhancements has finally evolved. I started doing some basic DHTML around a year and a half ago.

**PHP**- The interaction of database elements with the simplicity of HTML have made this programming language a strong rival to ASP and SQL. My experience is roughly 8 months. For the last four months my efforts have been used on building and designing web sites for the real estate arena via ASP and VBScript.

**PERL & CGI**- This is one of my favorites. Commonly used as the base for CGI Programming, PERL is a necessity for the Unix Developer. I supported PERL and CGI scripts for many of Flashnet's customerbase for roughly a year and a half. Although about 10 months ago, I switched to Perl5 and learning the new library structure. I supported mostly Formmail, guestbooks, chat scripts, and some database development.

**KSH & RKSH** (restricted Korn Shell)- Some people ask why Korn, I say why not? Roughly one year of interactive programming. I used this mostly on my home network. To simplify my administration needs mostly. Similar to sh or bash, the environment is roughly the same. Six months on the Restricted side of Korn.

**MySQL and Postgresql**- The databases of the Linux and Free BSD side. I used MySQL on my home network to keep records of phone numbers, contacts, and my bills. ☐ There are many ways to interface with the web and your favorite browser. Im a firm believer in "If you believe it can happen, you can make it happen" MySQL and Postgresql are good tools to add to any website requiring database interaction.

**DNS & BIND**- A year and a half. I supported and maintained Flashnet Business and Personal domains. This included email aliasing, ftp setup, Apache or HTTPD setup and maintenance, and MX, A records. I also added and deleted domains as requested by customers or other entities (billing, Netsol, etc.) On occasion I would also support PERL, CGI, web design, and HTML Programming for some business customers.

**Sendmail**- This went hand in hand with adding, deleting, and supporting the Flashnet Business and Personal domains.

The above descriptions are provided as reference to the growth and expansion of the Southwest Securites Unix Team. I hope to share all my knowledge and help the team succeed in whatever endeavor arises. I am confident that the combined knowledge and wisdom of the Unix section will be great asset to Southwest Securities customers and vendors. I am proud to be a part of it all.

Joseph Crutsinger, MCP, CLA