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BIND Name Server Administration

March Meeting: BIND Name Server Administration

Date: March 4, 2008 at 7 p.m.
Location: Algonquin College (Woodroffe Campus), room T117

BIND Name Server Administration

Speaker: Jean-Francois Messier

- What DNS is, and is NOT
- What WHOIS is, and is not
- IP address allocation, and domain ownership (briefly)
- What BIND is (with sample/dummy configuration files)
    - The type of records (A, NS, MX, PTR, TXT as well as TTL)
    - Config files
    - A little bit about dynamic DNS and DHCP
    - Shared secret for update exchange
- Free domain names and hosting (DynDNS, FreeDNS, etc)
- Implementing a cache DNS at home to speed up internet lookups.

About the Speaker

I work in IT Security in the Federal Government. I've been heavily involved in firewall management, DNS maintenance and upgrade for Canadian Goverment-owned domains. I have been managing BIND-based DNS servers since 1998. I'm doing less right now, although I now manage my own domain using a web interface, which I will demonstrate. I was also involved in PKI since 1998, and cryptography. I'm rather limited in the level of details I can disclose, of course, by the nature of security.

I'm using Linux for several years now, mostly Ubuntu. I'm a big fan of Linux, although I'm not an expert.

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