

# Jeremy Stanley, Technical Experience

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## Network Operating Systems

### Primary/Recent:

- GNU/Linux: Debian, Ubuntu, Knoppix, Gentoo, Slackware, SUSE, Red Hat/Fedora
- BSD: OpenBSD, NetBSD, FreeBSD, Mac OS X/Darwin, BSDI/BigIP

### Secondary/Past:

- SCO UNIX OpenServer
  - Solaris/SunOS
  - DEC VMS, UNIX, Ultrix
  - SGI IRIX
  - IBM OS/390, MVS, USS
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## Network, Security and Application Protocols

- IPSec, IKE, XAUTH
  - BGP, OSPF
  - SSL, (Start)TLS
  - DNS, NTP, HTTP/HTTPS, SSH/SCP/SFTP, Telnet, FTP/FTPS, TFTP, SMTP, IMAP
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## Security and Privacy Tools

- PF, IP Filter, ipfw, netfilter/iptables, ipchains, Checkpoint FW-1, Cisco PIX/ASA, ScreenOS, JunOS
  - ISAKMP, OpenVPN, KAME, Raccoon, OpenS/WAN, FreeS/WAN
  - OpenSSH, SSH.com, F-Secure SSH
  - Snort
  - OpenVAS, Nessus, nmap, SARA, SATAN, whisker
  - John the Ripper
  - OTP, OPIE
  - GNU Privacy Guard, Pretty Good Privacy, OpenSSL S/MIME
  - EXIM SSL/TLS, Courier IMAP/POP3 SSL/TLS
  - SpamAssassin, Clam Antivirus, AMaViS, Razor, Pyzor
  - Apache+SSL, mod\_ssl
  - Netkit telnet-ssl
  - OpenSSL Built-In Utilities
  - stunnel
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## Physical Security

- RS2, Lenel, Millennium, ProWatch and HandNet Site Security Software
  - Retina, Hand Geometry and Thumbprint Biometric Scanners
  - Swipe Card and Proximity Readers
  - Badge Printers
  - Closed Circuit Cameras, Monitors, Variable-Speed VCRs and Multiplexers
  - Axis IP Cameras and Camera Servers, ZoneMinder
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## Network Diagnostic Software

- tcpdump, ssldump, Wireshark/Ethereal
  - RRDTool, MRTG
  - Nagios/Netsaint, NRPE
  - UCD net-snmp
  - Hping, tcptraceroute, netcat
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## Programming, Scripting and Markup

- Python
  - C/C++
  - Bourne/C/Korn Shell
  - PHP
  - HTML/XHTML/CSS/WML
  - nroff/groff
  - AWK
  - autoconf/GNU make
  - Perl
  - Java
  - Javascript
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## IP/Ethernet Hardware

- Cisco IOS/NXOS, Riverstone/Cabletron, Lucent/Ascend, ACC and Generic UNIX Bridges/Routers
  - OpenBSD relayd, F5 BIG-IP, Alteon, Cisco LocalDirector and Inkra Load Balancers
  - Various Hubs, Switches, Transceivers and Repeaters
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## Telecommunications Systems

- ShoreTel, MiTel, Macrotel, Nortel, Norstar and Meridian PBX and Key Systems
- POTS Lines
- ISDN
- 56K Synchronet
- Full and Fractional T1

- 10-BaseFL
  - ATM
  - SONET
  - Frame Relay
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## **Serial Equipment**

- Modems - Hayes compatible single and multi-modem pools
  - CSU/DSUs - Kentrox and Adtran, mostly V.35/T1
  - Statistical Multiplexers
  - Terminal Concentrators
  - Dumb Terminals and Line/Impact Printers
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## **Site Wiring**

- Cat-I/III/V/VI UTP and STP (POTS and 10/100/1000BaseTX)
- Single Mode and Multi Mode Optical Fiber
- Thin-Coax (10Base2)
- Thick-Coax (10Base5) "Etherhose"
- RS232 Serial
- KVM Console Switch Cabling
- Closed Circuit Video and DC Camera Power
- Wall Boxes, Patch Panels, Conduit and Chases