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Updated: September 2014 (Network and Systems Engineer Focus)

SUMMARY
A Senior Network/Systems Engineer with **over 18 years** of experience in design, installation, configuration, administration, security, and troubleshooting of LAN/WAN infrastructure and security for IT systems and networking with Cisco routers/switches/ Cisco PIX/ASA.

Very good experience on all versions/variants of the Windows OS (servers and/or desktops), Novell Netware, Sun Solaris, Linux (most Unix variants). Worked in various industries such as local and Federal Government, Dot-Com, Telecommunications, Software development, and Engineering services industry.

HARDWARE
Cisco Routers: (25xx, 80x, 6509)
Cisco Switches (Catalyst 28xx, 36xx)
Firewalls: Cisco Pix Firewall 520/515, ASA 55xx

Servers: Dell, HP, Compaq, IBM, and Sun.
Linux / Unix - Red Hat, FreeBSD, OpenBSD

SOFTWARE/Operating Systems
Operating Systems: Cisco IOS software 12.x/11.x, Solaris 2.6/2.7/2.8, All Versions Of Windows Including "Server" Variation/Versions, Linux Red-Hat, FreeBSD, Novell IntraNetware 3.xx & 4.x, Dos 3/4/5/6

Network Security/Monitoring Tools: SolarWinds Orion, Network Performance Monitor. Network Sniffers EtherREAL, Wireshark, and NMap.

Workstation Tools: Excel, MS Office Suite

Application Software: Sendmail, Apache Web-Server, MS IIS Web-Server, MS Exchange Server 5.5/5.0/4.0, MS ISA Proxy Server, (Limited) MS SQL Server, MySQL, Oracle 9x/10. MS Visio. Outlook Web Access/IMAP/POP3/ LDAP, MS Outlook 2000/98/97/Exchange client 5.0/4.0. Norton Antivirus,

Enterprise Tools:
Fortinet Fortigate. (February 2011 – Fortinet's Fortinet Appliance For Web-Monitoring Installation.)

Protocols:
TCP/IP, IPX/SPX, PPP, NetBEUI, Ethernet, Fast Ethernet, SMTP/POP3/IMAP/LDAP, FTP, Telnet, SNMP, RMON, WINS, DHCP, DNS, Frame relay, OSPF, BGP, RIP, RIP2, EIGRP

Certifications:
Microsoft Certified Partner
Globalnet's Cisco CCSP (Pix)
CompTIA's Linux+ Certification
CompTIA's A+ Certification
Internet/Intranet Specialist Certification Learning Tree International
CompTIA's Network+ Certification
CompTIA's Inet+ Certification
CompTIA's A+ Certification
Novell CNE PROFESIONAL EXPERIENCE

Network Engineer / Administrator

October 2011- Present – **IT Manager**, Kirby Perkins Construction, Inc. – Responsible for the company's IT (voice and data network) infrastructure, policies, and all IT related assets. Sole decision maker for all IT related policies and procedures in support of 100+ employees. Responsible for and sole engineer of **the company's IT related security policies. (i.e. VPN access to company data.)**

(Summer 2013 – Part Time Instructor Bristol Community College, Fall River, MA – "Excel 2010 Advanced")

April 2006 – Sept 2011 - New Hanover County Government - Network Security, Designing, and Engineering for a Cisco Data and Voice (VoIP) Local And Wide Area Network. Key person responsible for central and all remote sites network security and connectivity.Hardware background includes Cisco routers and switches, Cisco ASA 5500 firewall, Cisco Wireless AP's, and (Limited) Cisco Call Manager experience. **Administrator SolarWinds Orion network performance and monitoring software.**

Very Strong experience with MS,Unix, and Linux Systems Administration.

January 2004 – Sept 2005 Internet/Intranet Administrator For The *Naval Hospital Complex, Newport, Rhode Island.* Website Database Integration/Programmer Using MS Frontpage, MS Interdev, And MS Access. Instructor For Teaching End Users The Use Of Email Clients (MS Outlook98) And Servers.

January 1999 – December 2004 Senior Unix Network Engineer At *NUWC Naval Research Facility, Newport, Rhode Island* In Support Of Over 5000 Workstations And Servers. Used Packet Sniffing Technologies Such As Ethereal, and
Map.Unix/Solaris(UltraSPARC)/Linux(Intel)/WinNT/Win2000/WinXP - Network Associates Solaris Gauntlet - Cisco PIX Firewall Administrator. Wide-Area-Network Administrator. Using - CISCO IOS Command Line For The 2500/2600/4500/7500 Series Routers.

Instructor - Networking Essentials MCSE Certification - Preparation Course - CompTIA Network+ Certification - Languages Visual BASIC, Perl, And Shell (BASH) Scripting!

March 1996 – December 1999 - Web Services International Inc, Middletown, RI - **(CO-Founder/President)** Senior Unix (FreeBSD/Red Hat) - Windows - Windows95/98 - Windows NT Systems And Network Administrator. Working With TCP/IP And IPX/SPX Networking Protocols, Servers,
Cisco Routers, Concentrators, And Site Firewall Installation And Maintenance. Over 2 Years Responsible For The Installation And Maintenance Of Internet Web Sites Using Windows NT IIS And Unix Apache Web Server Software.

March 1996 – January 2001 - **Training/Instructor/Author**
Bristol Community College - Fall River, MA - Instructor **Microsoft's Networking Essential Preparation For The MCSE Exam 070-058 - CompTIA A+ Certification Instructor - Instructor Teaching PC Local Area Networking, (PCLAN) Advanced MS-DOS, And MS Windows/95/98/2000 Operating Systems.**

March 1996 – January 2001 Learning Tree International - Instructor course 469 - The Internet for Business- - **Instructor** course 470 - Developing A Website,
Instructor course 486 - Web Site Security, **Instructor** Course 475 - Intranets: A Comprehensive Hands On Introduction.

Electronics
March 1976 – 1996 **US Navy** Electronics Technician - *20 (Proud) Years Experience And Being A US Veteran!*