

Jeffrey Scott Pilkinton

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OBJECTIVE CCIE level network engineer looking to provide network architecture expertise across an enterprise level environment.

SUMMARY For the last 16 years, I have worked almost exclusively on companywide architecture design – with the main focus being on networking and security. I am very comfortable working in a highly visible position and enjoy building teams to accomplish company goals.

SKILLS Well rounded professional that possesses the capability of working with many areas of an organization as required for project and infrastructure design work.

Soft Skills

- Experience managing large infrastructure projects
 - Project definitions, scope, budgets, justifications, ROI calculation
 - Lead internal and external resources throughout projects
- Producing annual budgets plus project related cost estimates
- Translation of PCI, SOX, and HIPPA compliance to infrastructure requirements
- IT governance using ITIL practices

Network Engineering

- Cisco Enterprise class network hardware:
 - Catalyst 2900 – 6500 Switches
 - 1600 – 7200 Routers
 - AS53xx Remote Access Servers
 - AP12xx Wireless Access Points and bridges
- Technologies includes:
 - Ethernet (10Mb to 10Gb), WLAN 802.1b/g, Long Haul Ethernet , Metro Ethernet , T1, T3, PRI/BRI, and Analog Dial
 - Frame Relay, MPLS, PPP
 - RIP, OSPF, EIGRP, BGP

Network Security

- F5 BIG-IP Load Balancers & 3DNS for GSLB
- Nokia IP Series firewalls running Check Point NGX R6x
- Cisco VPN 3000 Series Concentrators
- Cisco Pix 5xx firewalls and ASA devices
- Tipping Point IPA devices
- Cisco IDS modules and appliances
- RSA Authentication Manager appliances
- Cisco ACS 4.x

Network Management

- NetCool & Provisio
- CiscoWorks LMS, RWAN
- Cacti

EXPERIENCE**onFocus Healthcare**
Brentwood, TN**3/2010 – Present****Senior Network Administrator**

- Responsible for all networking, security, and Microsoft server infrastructure for the company.
- Responsible for company SAAS offering to customers, which included Microsoft IIS and SQL servers.
- Responsible for the build and maintenance of all internal Microsoft Server Infrastructure, which included:
 - Microsoft Server 2008 R2 Core and Enterprise Editions
 - Microsoft Hyper-V
 - Server consolidation by virtualizing physical machines (P to V)
 - Microsoft Active Directory
 - Microsoft Exchange

Emdeon Business Services
Nashville, TN**6/2008 - 2/2010****System Architect – Pharmacy Data Transaction System (PDTS)**

- Held an ADP (Automated Data Processing) Security Level II clearance.
- Worked with Pharmacy division of Emdeon on a contract held with the Department of Defense to provide Pharmacy transaction services for every active and non-active member of the armed forces.
 - Architected and implemented a three site air gapped system to separate Emdeon's DoD operations from its commercial business.
 - Worked with various divisions of the Armed forces, DISA, and other government contractors on B2B NIPRNET connectivity with Emdeon.
 - Exhaustive focus on maintaining a secure network which includes regular audits to verify network is stable and secure. Very familiar with network and security STIG process.

Emdeon Business Services
Nashville, TN**3/2006 – 6/2008****Network Engineer IV**

Emdeon Business Services serves as a main artery for entire healthcare industry. The company's main business function is to the healthcare industry what the credit card processors are to the financial industry. Hundreds of thousands of real-time and batch transactions are received and processed each day from submitters (doctor's offices/hospitals) as well as the payers (Insurance companies). Other provided services include EOB printing and claim payment on behalf of the payers.

- Served on network design team who is responsible for all enterprise network architecture design and project related work.

Past projects include:

- Implemented Cisco Unified Communications Manager for 1500 corporate users along with Unity that fully integrated into existing corporate Microsoft exchange environment. PSTN connectivity included both the use of PRI and SIP trunking with telco provider.

- Lead and served on a team that designed and built the network infrastructure in a 14,000 square foot Tier 4 Data Center facility.
- Implemented a multi-vrf network environment connected via a private MPLS backbone across two datacenters using Long Haul Ethernet as the physical medium with Level3 10G & XO 1G as the carriers. Both data centers has Quest and Verizon MPLS connections for WAN customer connectivity and have cross data center failover capability over the private MPLS backbone.
- Responsible for coordinating network requirements to move 500 servers, 200 Frame Relay PVC's, and 200 VPN connections as part of a complete data center relocation, which was completed successfully.
- Other responsible projects include:
 - Siebel 7.8 implementation using F5 load balancing which supports a 1500 seat call center.
 - RSA Authentication Manager 6.1 implementation used for enterprise VPN, webmail, and terminal server access.

Gaylord Entertainment Company
Nashville, TN

11/1999 – 2/2006

Network Engineer

- Serve in the lead role for designing/integrating and managing implementation of all new major networking projects.
- Serve as 3rd level support for the existing networks in the entire company. This included the LAN, WLAN, WAN, VPN, and dial access.
- Served as project manager for a security remediation project. All managed resources were completely outside of my normal area of responsibility. The main component of the project consisted of the implementation of a patch management solution (Patchlink) across the enterprise.
- Designed, Planned, and managed configuration/installation of multiple networks in two new large 1400+ Room Convention Hotels. Each hotel has a total of 15,000 Ethernet ports for various uses. Also Designed, Configured, and implemented new networks for existing Nashville Hotel that included a network for 2800 guest rooms.
- Designed, Tested, and implemented a new company wide wireless authentication mechanism using 802.1x/EAP-TLS. This included converting 400+ wireless clients from a previously used static WEP authentication.
- Implemented the first company VPN using existing hardware/software as a proof of concept. Later purchased and implemented appropriate equipment after a successful POC and the business case was made. This environment now supports 1000+ remote access clients and multiple site-to-site VPN tunnels.

TN Farm Bureau Federation
Columbia, TN

2/1994 – 10/1999

Workstation Systems Programmer

- Administer all Corporate NT Servers including all Intranet and Mail servers for the organization.
- Implement and Support both the Local Area Network and also all Wide Area Networks.
- Responsible for Testing, Deployment automation, Documentation, and providing top tier support for all PC and Server Systems Software.
- Designed, planned, and implemented a 2000 node Intranet for both the Home Office and 120 remote offices via a VSAT Network. This including introducing TCP/IP to a previous SNA only network.

- Later integrated a new wide area network into the existing VSAT Network, which eventually replaced all 120 sites with Frame Relay.
- Implemented Web, Mail, and Proxy Servers to allow employees new email capabilities and Intranet/Internet access through the corporate network.

EDUCATION

Computer Electronics Diploma

Nashville Tech, Nashville, TN

Certifications or Technical Training

All certifications were obtained via self study and every exam was passed on first attempt. Note: All certifications listed are in an expired status.

- CCNA and CCNP obtained
- CCIE Written passed
- Microsoft MCSE 4.0

OTHER

Server/Site Administrator for the last 10 years on the largest Tennessee Walking Horse destination in the world. The forums area is a paid member site with 3 million page views a month. www.walkinghorsechat.com. Site also features 24x7 streaming media and covers most TWHA events live across the country.

Owner/Creator of <http://www.xpresslearn.com>

LinkedIn: <http://www.linkedin.com/in/scottpilkinton>