

Chris S. Krueger Senior Networking Asset Inventory

Addendum Area of Focus

Addressing requirements for Advanced Network Engineering with emphasis on technical competency, team behavior and customer relationships

Qualifications

Advocated, designed and delivered 100's of Network Solutions to diverse customers with emphasis on longevity, correctness, and security. With deep industry specific knowledge and a passion for learning business-case nuances, I've been able to blaze the networking trail for both early adopters and main-line businesses.

Summary of Network Engineering Experience

Network Design and Architecture

Key Networking Design Milestones include:

- Vendor agnostic design methodology with a customer-centric focus
- Proof-of-Concept work to convert Enterprise customers from legacy Token-Ring, Banyan Vines and Broadband Networks to TCP/IP on Ethernet (Clorox Corp. 1988)
- First Implementation of Emerging Visa Payment card Security Model for Credit Card Manufacturing client. Subsequent participation in first audit of said design and deployment by VMA auditors (CPI CardGroup)
- First Secure e-delivery design and deployment of electronic library services (NetLibrary) in data-hotel hosting
- Award-winning medical dictation and transcription e-delivery architecture and deployment (Ascriptus)
- Multi-tenant Health Care Platform hosting and delivery, with provisions for HIPAA business cycles (Audit, Gap and Remediation) on a per-tenant basis (CACHIE)
- VoIP and Video (CUCM, Microsoft OCS/Lync, Polycom) using SCCP, SIP with legacy and SIP provisioning
- Ongoing advocacy for use of hosting (since 1998) and Cloud Provisioning (since 2008) and many projects to decommission the corporate, in-house, data center for Banking, Manufacturing, Retail segments
- Visio "Black-Belt" with fanatical documentation habits. Used for technical knowledge base/transfer and client education/advocacy

Roster of Specific Platform Experience

Vendor specific hardware that I've worked with, leaving a bunch unlisted:

- Cisco Routers (800, 18xx through 75xx, IOS 12 and 15) Security and VoIP Image experience
- Cisco Switches (Catalyst and Nexus with L2, L3, VoIP and "light" QoS skills)
- Cisco PIX and ASA firewalls (OS 6-8.4, VPN and ASDM)
- Load Balancers and Content Engines (Cisco, L3, Nortel, others)
- Juniper (NetScreen) Firewalls (NS, SSG and J-OS)

- Foundry, Dell, HP ancillary experience (too many to mention)
- VMware vSphere, ESX, and vCenter deep experience, with emphasis on holistic Cisco integration at L2, L3 and Security Layers
- Unix and Linux Network (am rusty), DNS, NFS, Radius/TACACS, integration
- Cisco MARS, IDS Blades and Other Security Garnishes
- Cisco Unified Communications Manager (CUCM Versions 7,8 and 9)
- CUCM Express and UC Voice Platforms
- Polycom RealPresence Enterprise Suite (HDX, VSX, RMX, RSS, etc.) in Open H.323, SIP and RTP (Lync) Modes
- Microsoft OCS R2 and Lync 2013
- Wireless LAN Controllers from Cisco, HP and others
- AudioCodes Voice Gateways, SBCs, Survivable Branch Appliances, etc.

Additional Technical Areas of Expertise

I am adept in working in these realms, and have significant vocabulary for engineering interaction with:

- Telecommunications (design, ordering, provisioning, deployment, etc) of Data and Voice services (TDM, PSTN, SIP voice and DS-1 through OC-192, various network attached data deliveries)
- Telecom vendors: AT&T, CenturyLink/Qwest, Verizon, TWCC, Comcast, L3 and GlobalCrossing plus regional/international carriers
- Hosting Vendors (mostly in data-hostel space) including Equinix, AT&T, Inflow, CenturyLink/Qwest/SAVVIS, Peak10, Hosting.com, etc.
- IT Security Analysts and Auditors (CoalFire Systems, D&T, VMA) for "gap" Analysis, Penetration Testing, Compliance review, etc.
- DR and IT Continuity Providers
- State and Local Government for advocacy, easements and right-of-way, etc. Have participated in both the private and public sides technology issues
- Legal Departments, Law Offices and Law Enforcement. Prior activities run the gamut from contract negotiations, technical advice and expert witness and testimony
- Have an extensive EE pedigree, can read blueprints, schematics, mechanical drawings, power drawings, and am adept in a variety of system design methodologies
- Pitching stakeholders and influencers new ideas and specific projects. I've been both a team member and a quarterback in the Pitch
- Software design and coding familiarity (very rusty)
- Extensive experience working with numerous change-control methodologies and systems
- Have provided 1,000's of hours of L3-4 escalation support
- Have been the "go to" troubleshooter to both design and contribute to time-sensitive, emergency problem resolution (would like to do less of this, if possible)

Additional
Comments

Although not part of a technical inventory of talents and skills, my prior experiences in working with literally thousands of customers, often in a sales and evangelist role, have honed my interpersonal and communications skills. I'm particularly comfortable dealing with non-technical stakeholders and

performing the necessary "translation" of the key details into dialog that cements working relationships. I truly enjoy this part of working with others!