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Chris S. Krueger   Virtualization Skill Asset Inventory

*Addendum
Area of Focus*

Addressing requirements for Virtualization Skills with emphasis on technical competency, team behavior and customer relationships

Qualifications

Advocated, designed and delivered 100's of Virtualized Solutions to diverse customers with emphasis on longevity, correctness, and security. With deep industry specific knowledge and a passion for learning business-case nuances, beginning in 2005, I made Virtualization technology a mainstay for our mid-market customers.

Virtualization Design and Architecture

*Summary of
Server and
Network
Virtualization
Experience*

Key Virtualization milestones include:

- Primary emphasis on VMware ESX / vSphere Platform beginning with version 3.5
- Key design knowledge of all versions through 5.5, vCenter Server, SRM, View and other applicable platforms
- Zen/Citrix Server and Microsoft Hypervisor experience since 2010
- Developed deep Cisco-aware practices and architectural models for using Catalyst, Nexus, Cisco ASA (multi-context), CUCM and other products in a "best practice" framework. Often before published White Papers illuminated the way
- Early adopter evangelism with Banking, Healthcare, Retail and Manufacturing customer base for server consolidation, migration and green-field new systems deployment
- Linux, Windows and "Other" operating systems experience
- Early adopter deployments of Large MS-SQL, Exchange, Oracle RAC, MS Sharepoint, OCS, Lync and Terminal Server. Did some of the first LOB and Critical Platform deployments on Virtualization in the mid-market
- Designed and Deployed an early "multi-tenant" Health-Care cooperative (CACHIE) for HIPAA compliant NextGen Platforms. Beat NetGen hosting to market by 2 years in 2010
- Created a Pilot/On-ramp program for Vertical software that had never been hosted virtually. Got dozens of new VARs to adopt and promote their systems on virtualized architectures
- Refined Health Care provider virtual hosting with provisions for HIPAA business cycles (Audit, Gap and Remediation) on a per-tenant basis (CACHIE and MMA)
- Visio "Black-Belt" with fanatical documentation habits. Used for technical knowledge base/transfer and client education/advocacy

Roster of Specific Platform Experience

Virtualization aware platforms that I've worked with, leaving a bunch unlisted:

- HP Proliant DL Family (170-780) Gen 1-8, BladeCenter (since DEC/Compaq)
- Cisco UCS B and C series (since introduction)
- Dell PowerEdge R and T Families (since introduction)
- Other Servers from SuperMicro, IBM and Sun
- Cisco Switches (Catalyst and Nexus with L2, L3, VoIP and "light" QoS skills)
- Full suite of Data Center PDUs, Rack Hardware, Control, KVM, Top of Rack solutions, etc.
- VMware vCenter and vSphere/ESX/ESXi since version 3.5, Site Recovery Manager, VSA, Workstation, View, Player
- Actual and Virtual Nexus and ASA firewalls from Cisco
- Load Balancers and Content Engines (Cisco, L3, Nortel, others)
- Juniper (NetScreen) Firewalls (NS, SSG and J-OS)
- Cisco Unified Communications Manager (CUCM Versions 7,8 and 9)
- SAN and NAS platforms from HP, Nimble, NetApp, EMC, Dell, Hitachi, IBM
- Backup and DRM solutions for Virtualized Networks from Veeam, Symantec, Comvault, Barracuda, Seagate and VMware
- Polycom RealPresence Enterprise Suite
- SAVVIS, Hosting.com and Amazon Cloud Services (no not Azure)
- Misc. virtual appliances for business specific and general computing purposes. Too numerous to mention

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-hotel 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

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!