

David Hearn

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Career Overview

Results-driven System and Network Engineer with expertise in application programming, database administration and development/maintenance of complex and critical systems. Strong knowledge of network security at desktop, server and internet levels, and telecommunications systems. Big picture thinker with the ability to wear many hats.

Qualifications

- Strong analytical skills
- Independent, creative problem solver
- Eagerly learns new systems and technology
- Self-starter, self-motivated
- Experienced datacenter administrator
- VMware build and administration
- Linux/Unix OS and services expert
- Microsoft Server OS and AD administration
- Cisco campus routing/switching design
- Cisco Nexus 2K/5K/7K design and maintenance
- Remote access/ B2B VPN maintenance
- Cisco Ironport/Bluecoat web proxy administration
- Cisco ASA/ASDM/CSM firewall administration
- f5 load balancer administration
- SMTP/DNS/Web administration
- Proficiency in TCP/IP protocols
- Database design and administration
- Strong structured query language (SQL) skills
- Excellent programming/application design skills
- Veteran network and application troubleshooter
- Quality documentation writer
- Fostering teamwork and knowledge sharing

Technical Skills

<u>Skill</u>	<u>Experience</u>	<u>Total Years</u>	<u>Last Used</u>
VMware administration	Advanced	2 years	6 months
Datacenter hardware/OS administration	Expert	10+ years	Current
Network design/security/administration	Expert	10+ years	Current
Windows, Linux, LAMP, DB administration	Expert	10+ years	Current
Application development/programming	Expert	20+ years	Current

Accomplishments

Lead System and Application Engineer

- Single-handedly planned, installed, maintained and optimized dual redundant datacenters for a Milwaukee communications and technology company, and built the service which generated up to \$10M in annual sales.

Network/Telecom Support

- Responsible for responding to and successfully diagnosing network outage issues on a 24X7 basis.

Network Security

- Responsible for developing and implementing in-house network security policies and access rules, and monitoring and correcting all types of network security issues within the enterprise.

Lead Customer System Support

- Responsible for developing and maintaining connectivity solutions (site-to-site VPN, FTP, automated processes) and leading a team in addressing support issues for customer systems.

VMware Migration

- Successfully designed and implemented VMware conversion of 52 servers in a very Microsoft/Linux server farm.

Work Experience

Consultant - Senior Network Engineer

August 2012 to present

Kohl's Corporation – Menomonee Falls, WI

Collaborate on the planning, installation and maintenance of major core, distribution and access network upgrade efforts in Kohl's corporate datacenter networks.

L3 network and application support, as well as break-fix analysis for all segments and business units of Kohl's nationwide network. Manage time and talents of L3 SMEs, and assign break-fix items to team members for quickest resolution. Provide on-floor presence and resolution of high profile corporate network issues.

Configure, deploy and manage firewall configurations across Kohl's national network. Plan, manage and allocate entire IPv4 address space used by Kohl's. Manage access and distribution switches for corporate and remote sites.

Liaise with various business units at Kohl's to plan network resource needs. Continuously strive to provide on-time delivery of services, and improve overall service quality to the organization. Work to encourage team participation towards the same goal.

Senior Network Engineer/Application Developer

May 1989 to February 2012

ISC International, Ltd. - Milwaukee, WI

Designed and built a world class electronic messaging system to support Global 100 customers for fax, email, telex and text messaging applications.

Constructed and maintained dual-homed, load balanced data centers in Wauwatosa and Hartland, WI.

Designed, built and maintained all enterprise Cisco-based LAN, WAN and Internet connectivity, and managed all company Linux and Windows servers and the services they provide.

Designed, coded, continually enhanced and documented application software and extranet services which provide messaging services to customers.

Telecom Product Engineer

April 1986 to April 1989

RM Systems International, Ltd. - Milwaukee, WI

Designed, patented and produced three different telecommunications switching and control products.

Education and Training

UW/Madison and UW/Parkside

Physics/Computer Sciences

Undergraduate Coursework:

- Physics
- Math
- Computer Sciences