

Jon Allen Boone

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Summary:

Accomplished Professional with 17 years expertise in computer networking and UNIX system administration. Recognized internetworking expert, known for exceptional problem-solving skills, quick learning and can-do attitude. Successfully architected and implemented multiple national WANs and Data Center networks. Instrumental in integration of diverse pre-existing WANs. Effectively mentored staff at all levels.

Proven Manager with established track record of successfully handling increased responsibilities. Managed up to 10 geographically distributed direct reports in multiple time zones.

Technology Mastery:

Networking Technologies: ATM, BGP4, DS0/DS1/DS3, EIGRP, Ethernet/Fast Ethernet/Gigabit Ethernet, FDDI, Frame Relay, ISIS, MPLS, Multicast, OSPF, PPP, SIP, SMDS, SONET (OC3/OC12/OC48), TCP/IP, Token Ring, VOIP, Wireless 802.11b/g

Operating Systems: Linux, Mac OS X, Solaris, Windows XP/2000/ME/98/95

Programming Languages: awk, bash, csh, C, C++, Java, Lisp, perl, sed

Professional Experience:

Network Engineer, Senior Feb. 2007 – Present PAETEC

Technical/Engineering Responsibilities:

Integrated US LEC VOIP infrastructure into PAETEC environment. Evaluated and deployed Session Border Controller (SBC) solutions for existing VOIP product. Served as 4th Tier Escalation support, including on-call. Provided consulting services to customers.

Member of the Technical Staff Dec. 2003 – Feb. 2007 US LEC

Technical/Engineering Responsibilities:

Assisted Marketing in defining products and services. Evaluated and deployed Session Border Controller (SBC) solutions for existing VOIP product. Mentored Network Operations Staff. Co-architected regional WAN. Supported/integrated acquired WAN into new regional WAN design. Served as 4th Tier Escalation support, including on-call. Provided consulting services to customers.

Director, Network Engineering June 2002 – Dec. 2003 FASTNET

Managerial Responsibilities:

Directly supervised 5 remote employees. Established and enforced Operations policies/procedures. Assisted Sales/Marketing in defining products and services. Interfaced with customers.

Technical/Engineering Responsibilities:

Mentored Network Operations Staff. Architected regional WAN. Supported/integrated acquired WAN into new regional WAN design. Architected LANs for 2 Data Centers. Served as 4th Tier Escalation support, including on-call. Provided consulting services to customers.

Manager, Network Engineering Nov. 2000 – May 2002 AppliedTheory

Managerial Responsibilities:

Directly supervised 10 remote employees. Established and enforced Operations policies/procedures. Assisted Product Development in defining products and services. Interfaced with customers.

Technical/Engineering Responsibilities:

Mentored Network Operations Staff. Architected national WAN. Supported/integrated acquired WAN into new WAN design. Architected LANs for 4 Data Centers. Transitioned data centers to new design. Served as 4th Tier Escalation support, including on-call. Architected/Implemented AAA Service. Provided consulting services to customers.

Sr. Network Operations Engineer Nov. 1999 – Nov. 2000 AppliedTheory
Served as 3rd Tier Escalation support, including on-call support. Installed/maintained AAA servers. Installed/customized/maintained HP OpenView Network Management Platform, including CiscoWorks 2000. Assisted Product Development in defining products and services.

Senior Network Engineer May 1997 – Nov. 1999 Penn ISC Net
Designed and implemented an Internet2 GigaPoP (MAGPI) and associated services, including collaboration with other I2 sites/networks. Provided operational support of MAGPI. Advised ISC Networking - Operations group on network design and operations. Provided 3rd tier support, including on-call. Mentored/trained Ops staff. Performed technology tracking, evaluation and integration, including support of IP multicasting, and EFT/Beta testing of Cisco 8500 and 3Com Corebuilder 3500.

Network Operations Engineer Sept. 1995 - May 1997 Penn ISC Net
Collaboratively designed PennNet, in conjunction with stakeholders within the University. Implemented and operated core network, including all routing protocols (BGP4, OSPF). Provided 2nd tier support, including on-call. Exercised line-supervisory authority over maintenance technicians, including on-the-job training. Advised Operations Manager on procedures and policies. Liaised with the ISC Networking - Engineering group.

Senior Network Engineer March 1994 – Sept. 1995 PREPnet/CMU
On-going design, implementation and operation of the Pennsylvania-wide WAN operated as the Pennsylvania Research and Economic Partnership Network (PREPnet). Acted as chief liaison between PREPnet and vendors of equipment and services. Provided 2nd Tier escalation support, including on-call. Chaired the PREPnet Engineering Committee, represented the committee's interests to the Board of Directors and the PREPnet staff.

Network Systems Administrator March 1992 - March 1994 PSC/CMU
Administration of Ultrix-based gated routers and network infrastructure servers. UNIX system security coordinator. Provided network consulting services to PREPnet. Provided 1st tier on-call support.

Computer Systems Administrator Oct. 1990 - March 1992 Statistics/CMU
Provided on-going maintenance and administration of departmental computing systems and network cabling.

Certification/Education:

CCIE #8338 – Expired Status

MSE - Telecom and Data Networking, University of Pennsylvania, On Leave

BA – Carnegie Mellon University, December 1993