

Scott R. Hogg

Scott [at] Hoggnet.com Mobile: 303-949-4865

Overview:

As a network computing expert for over 20 years, I provide quality network engineering, security consulting, and training services. I am an expert in the areas of IPv4 and IPv6 internetworking architecture, design, planning, implementation, maintenance, optimization, and security. I am focused on creating reliable, high performance, secure, manageable, and cost effective network solutions. My broad and deep skill-set is a result of my long career in the networking industry. I have been in an advisory role providing strategic planning and technical direction to many Fortune 1000 companies. My focus has been on designing, implementing, and troubleshooting networks for many large enterprises and service providers. I am constantly striving to learn more about network technologies and to maintain my continuing education. I have strong leadership and mentoring skills and I am an adept negotiator. I am detail oriented, extremely collaborative, high-energy, enjoy taking initiative, and am dedicated to my work. I am seeking dynamic, technical, and challenging employment, encompassing all aspects of network and security technologies.

Professional Experience:

Global Technology Resources, Inc. (GTRI) (Technology Solutions and Value Added Reseller) 4/04 to Present: now Director of Technology Solutions (was Director of Technical Services)

Lead the Professional Services division and also provided network and security consulting to clients. I set direction for PS sales, marketing, delivery, and quality control.

- More than tripled consulting revenues in 6 months, grew from few consultants to 40
- Grew annual PS revenue from \$200K to \$1.9M in 2.5 years, now annual revenue is ~\$10M
- Increased utilization from around 25% in 2004 to well over 65% in 2006
- Increased realization from below \$100 in 2004 to over \$175 per hour in 2006
- Achieved many partner certifications to help drive sales and increase profitability
- Performed management responsibilities for consultants and engineers reporting to me
- Worked with owners of company to create new business models and craft new partnerships
- Responsible for strategic technical direction of the company
- Supported sales and performed business development
- Deployed many large LAN switched networks and security solutions
- Upgraded many core data networks with minimal downtime
- Implemented several caching, SLB, GSLB, SSL offload application front end systems
- Created scalable and secure infrastructures for several large online retailers
- Deployed MPLS networks for several large enterprises
- Performed several NAC assessments and surveyed entire NAC market place
- Implemented many different firewall and IPS systems for clients
- Continued presenting at industry conferences, seminars, and user groups

International Network Services (INS) formerly Lucent Technologies (Network Professional Services) 5/97 to 4/04: Principal Consultant

Performed consulting, engineering, training, and project management for clients. Consulted to large Fortune 1000 companies, including enterprises and service providers, creating more reliable, higher performing, secure, manageable, and cost effective network solutions.

- Engineered a new MPLS-VPN network for an international IT outsourcing corporation

- Provided strategic planning and design services to large enterprise clients
- Provided high-level business consulting to clients regarding outsourcing network functions
- Developed and deployed security architectures for AAA, auditing, and filtering
- Conducted security assessments and provided strategic planning on security systems
- Performed consulting and implementation services to clients on converged technologies
- Managed Internet routing and geographical load-balancing for large Internet sites
- Assessed network performance of routing and switching designs
- Performed troubleshooting of complex computing and network systems for many clients
- Developed knowledge sharing, cross-training, and collaboration programs
- Taught several international lectures on network troubleshooting and optimization
- Created and presented an international network troubleshooting seminar series
- Presented at The Internet Security Conference TISC2001 on virtual routing technologies
- Presented at 8 regional Cisco User Group meetings on troubleshooting and security topics
- Performed technical project management and acted as team leader on many projects
- Produced more than 3000 pages of documentation and taught over 50 internal classes
- Involved in interviewing, recruiting, mentoring, leadership, and promoting corporate culture
- Assisted with business development, proposal writing, presentations, and RFP responses
- Recognized with the "Chairman's Award" (January 1999, April 2003) among other awards
- Received INS's first "Technical Excellence Award" in September 2003

interGlobe Networks (Network Consulting/Engineering) 2/96 to 5/97: Consulting Network Engineer

Performed consulting, engineering, and project management of networking systems for ISPs and corporate networks.

- Involved with design, implementation, and maintenance of ISP facilities and services
- Designed and implemented security and network management solutions for clients
- Configured and administered E-mail, DNS, and News systems for clients
- Generated approximately \$200,000 in consulting revenues in conjunction with 800 hours of internal engineering work in a single year
- Wrote over 300 pages of proposals and project deliverables
- Functioned as project manager, mentor, and team-lead

CAP Gemini America (International Information Technology Consulting) 5/94 to 2/96: Senior Consultant

Performed consulting to clients on various engagements within greater Denver metro area.

- Deployed new network computing systems for US West's legal department
- Created secure Internet egress point for US West's MIS division
- Implemented network management systems, administered DNS, IP addressing, AAA
- Performed capacity planning for US West's client/server systems
- Grew CAP's business internally and externally by developing new procedures, deploying new corporate frame-relay network, and performing new business development

Education:

Masters of Science in Telecommunications from the University of Colorado (CU) at Boulder (5/94)
Studied data communications, telephony, telecom systems engineering, cellular systems, satellite communications, telecom policy, management of telecom, and telecom economics.

Thesis title: Evaluation of ATM as a Replacement for SS7 for Providing AIN Services

Bachelor of Science in Computer Science with a minor in Statistics from Colorado State University (CSU) at Fort Collins (5/90)

Attended many conferences and classes including: CSI 2010, FutureNetExpo 2009/2010, BlackHat/DEFCON, Juniper JUNOS training, Cisco ACE training, Cisco Security Partner VTs, CheckPoint NG-AI Management I & II, Secure Computing Sidewinder G2, NetScout Performance Manager, SANS (Baltimore 2001, Denver 2003, Denver 2010), IETF#49, MCAST2000, TISC2001,

USENIX, Cisco Networkers ('99, '00, '01, '09, '11), NANOG52, ICRC, CRLS, ACRC, CIT, and CVOICE.

Certifications:

Active U.S. Department of Defense (DoD) Security Clearance
CCIE Routing and Switching (#5133) - 12 year CCIE
CISSP (#4610)
Cisco Routing and Switching Field Specialist
Cisco IP Telephony Support Specialist (CIPTSS)
Cisco IP Telephony Design Specialist (CIPTDS)
Cisco Advanced Wireless LAN Design Specialist
Cisco Advanced Wireless LAN Field Specialist
Secure Computing Sidewinder G2 6.1 certification
Netbotz (CNSS, CNSE)
NetScout Performance Manager Certification
Fortinet Certified Systems Engineer (FCSE) - Expired
Foundry Certified Network Engineer (FCNE) - Expired
CheckPoint NG-AI CCSA/CCSE
ITILv3 Foundations exam (2011)

IPv6 Experience:

Chair - Rocky Mountain IPv6 Task Force (2007 - Present)
Member - North American IPv6 Task Force

Authored Cisco Press book on IPv6 Security (published Dec 2008) ISBN: 1587055945.
<http://www.ciscopress.com/bookstore/product.asp?isbn=1587055945>

Performed IPv6 assessments and drafted IPv6 impact analyses and transition plans for several U.S. Federal organizations.

Assisted U.S. Federal organizations with IPv6 education, technology, and strategy
Assisted several service providers with their IPv6 planning and IPv6 security strategies
Assisted some of the largest collocation and hosting service providers with their IPv6 transition plans and provided them IPv6 training
Currently involved in early IPv6 deployments for commercial organizations
Performed several early deployments of IPv6 technologies for companies

Gave presentations on IPv6 technologies to clients and industry groups:

Presented at Network World "The Critical Path to IPv6 - December 13, 2011

Presented at IEEE Globecom in Houston, TX, IPv6 Seminar - December 7, 2011

Presented on IPv6 in Salt Lake City Utah - November 2, 2011

Presented on IPv6 Security at Interface 2011 Denver - October 18, 2011

Presented on IPv6 and taught many IPv6 training classes - Fall 2011

Presented on IPv6 Security at Interface 2011 Denver - July 28, 2011

Participated in World IPv6 Day - June 8, 2011

Presented full-week IPv6 training classes to several of the largest service providers in North America - Spring & Summer 2011

Presented pre-conference hands-on IPv6 tutorial at the 2011 Rocky Mountain IPv6 Summit - April 25, 2011

Presented on IPv6 for CCNPs at the Rocky Mountain Cisco User Group meeting - March 31, 2011

Presented on IPv6 Security at the CSI 2010 conference - Oct 26-29, 2010

Presented on IPv6 Security at the Australian IPv6 Summit - Oct 18-20, 2010

Presented on IPv6 Security at the Texas IPv6 Summit Event - Oct 11-12, 2010

Coordinated 3rd annual Rocky Mountain IPv6 Summit - May 26-27, 2010

Presented at Rocky Mountain IPv6 Summit on IPv6 Security for Service Providers

Participated in IPv6 experts panel at FutureNet Expo 2010 in Boston

Provided input to NIST SP 800-119 DRAFT Guidelines for the Secure Deployment of IPv6
Presented on IPv6 at the Seattle Cisco User Group meeting October 21, 2009
Presented IPv6 training to several clients in the Fall of 2009
Presented on IPv6 Security at the FutureNet Expo – May 4-7, 2009
Coordinated 2nd annual Rocky Mountain IPv6 Summit - April 21-22, 2009
Presented on IPv6 Technology and Drivers and IPv6 Security at the Rocky Mountain IPv6 Summit – April 21-22, 2009
Attended Google IPv6 Implementors conference - March 19-20, 2009
Presented on IPv6 and technology update at Cisco Federal DOD Tech Update – February 17-18, 2009
Presentation on IPv6 Security at the Colorado Information Management Association Fall 2008 conference – October 3, 2008
Coordinated 1st annual Rocky Mountain IPv6 Summit - April 16-17, 2008
Presentation on IPv6 Security to the Rocky Mountain Cisco User's Groups - April 16-17, 2008
Coordination of Rocky Mountain IPv6 Summit – April 9, 2008
Presentation on IPv6 Security at Rocky Mountain IPv6 Summit – April 9, 2008
Presentation on IPv6 to the Phoenix Cisco User's Groups – March 18, 2008
Full-day presentations on IPv6 at Cisco Federal DOD Tech Update - March 12-13, 2008
Presented web seminar on IPv6 Security – September 20, 2007
Presented on IPv6 at the Rocky Mountain Windows Technology User Group, September 18-19, 2007
Network World article "IPv6: Dual stack where you can; tunnel where you must", September 5, 2007
Presented on IPv6 Security at Cisco IPv6 Partner Summit - July 2007
Presentation on IPv6 Security at Rocky Mountain Internet Security Conference - April 5, 2007
Presentation on IPv6 Migration Best Practices at FOSE 2007 - March 20, 2007
Full-day presentations on IPv6 at Cisco Federal DOD Tech Update - March 7-8, 2007
Attended Cisco IPv6 Partner Summit - February 2007
Attended IPv6 Federal Summit 2006
Presentation on IPv6 to the Rocky Mountain Cisco User's Groups - April 2006
Presentation on IPv6 at Cisco Federal DOD Tech Update - February 18-19 2006
Presented on IPv6 at the Rocky Mountain Cisco User's Groups – December 2003
Provided IPv6 training to INS consultants winter 2003
Attended IPv6 Global Summit 2003
Provided IPv6 training to International Network Services (INS) consultants winter 2001

Performed extensive research and testing on IPv6 technology
Specializing in IPv6 network design and security

Author of a Blog at NetworkWorld.com on Core Networking and Security
<http://www.networkworld.com/community/hogg>

Technical Skills:

In depth knowledge of multi-vendor TCP/IP routing, switching, and broadband telecom technologies
Extensive experience with Internet routing and service provider architectures
Knowledge of legacy data communications protocols and systems
Experience assessing, planning, and deploying the latest network security systems including firewalls, intrusion detection/prevention, AAA, and VPNs
Extensive experience with high availability web application design and load balancing solutions
Experience implementing network management systems and developing custom solutions
Extensive knowledge of UNIX and Microsoft systems and Internet applications
Experience with converged network technologies and multimedia systems
Experience troubleshooting, optimizing network performance, and increasing operational reliability
Hands-on experience with the gamut broadband WAN technologies and telephony systems

Experience with wireless technologies and applications