

Scott V. Kamp
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OBJECTIVE: I have been a leader in the IT security industry in diversified applications, languages, services and technologies spread across the spectrum on varied platforms. I am a active contributor to multiple Open Source Projects ranging from OS, Applications and security. I have always focused on current technologies in Storage, Hosting, Applications and Security. I am able to fit into any environment and be handed a task or specific job function and carry it through from research, development to completion, in a timely manner. I have been in a management position for 10 years. I aspire to maintain the highest level of expertise in technologies for the field of network communications, storage, security and forensics, both host and network based. To continually educate myself and follow with the latest technologies that arrive in the industry, and to maintain proficiency in them.

1/2015 - 9/2016 **Consulting, IX Systems, San Jose, California, USA**

Responsible for the design, development of S3 storage integration to the FreeNAS/TrueNAS product lines and integration of Riak KV and OpenStack SWIFT. I am currently involved with working on FreeBSD platform to integrate OpenStack services with XEN/FreeBSD as dom0. The creation and development of the first turn-key FreeBSD based cloud environment and OS level development on NeXTBSD, a recent fork of FreeBSD-CURRENT with integration of launchd/asld/notifd and MACH services.

3/2015 - Present **Consulting, NexGrid, Fredericksburg, Virginia, USA**

I designed and developed wireless sensor firmware and routing protocols for a wireless sensor network deployed in a smart grid deployment for multiple city wide projects nationwide. I was responsible for their communications and integration of a backend hosted web platform. I also did future research and development of wireless technologies that we encountered during the life cycle of the product line. I provided technical knowledge in support of wireless deployment and infrastructure, including location, positioning, antennas requirements and testing.

11/2013 - 9/2014 **Consulting, Digital Dialogue, Port Melbourne, Victoria, Australia**

Responsible for the design, development of Wireless Sensor Embedded firmware using 802.11N and protocols to design and deploy a wireless sensor node. I was responsible for aspects of research, design and development of the embedded wireless platform, software development for 802.11 radios, and their communications and integration to a backend hosted web platform. I was also responsible for implementation and management of various interoffice systems engineering requirements on a daily basis. such as wireless networking, lan management, VOIP Telephony and design, and provided support for those systems. I also did future research and development of wireless technologies that we encountered during the life cycle of the product line. I provided technical knowledge in support of wireless deployment and infrastructure, including location, positioning, antennas requirements and testing.

5/2011 - 5/2014 **Arkay Storage & IT Consulting, Inc. Melbourne, FL**

Consultant, Cloud Technologies, Storage Architect, Cloud Infrastructure Architect

5/2003 - 2/2005 **Director of Engineering, Senior Storage Systems Architect, Infrastructure Architect**

Responsible for the design, development & deployment of Arkays Cloud initiative with and interconnected SAN environment. Led the design and implementation of new Cloud Infrastructure and management platform environments utilizing the latest cloud technologies and provided support to engineers for those system. I maintained all aspects of design and deployment. I was also responsible for the future research and development and continual growth of the cloud and storage product line. I implemented and managed Cloud in a redundant configuration with a segmented SAN utilizing iSCSI and redundant global systems architecture. Various client projects included Architecture and Engineering of Cloud Management. I provided technical knowledge in support of Disaster Recovery Scenarios. I participated in the Network recovery for large scale clients.

11/2009 -11/2010 **NexGrid, Manassas, VA**

Senior Embedded Engineer, Consultant

11/2010 -4/2011 **NexGrid, Charlotte, NC, USA**

Senior Embedded Engineer, Employed

Responsible for the design, development & deployment of a City Wide Wireless Backbone using 802.11N and mesh routing protocols to design and deploy a resilient wireless infrastructure for SMART Grid integration. I was responsible for all aspects of Research, Design and Development of the infrastructure, software development for radios, zigbee integration and management platforms design. Implementation of new Cloud Infrastructure and management platform environments utilizing the latest cloud technologies and provided support to engineers for those system. I maintained all aspects of design and deployment. I was also responsible for the future research and development and continual growth of the smart grid product line. I provided technical knowledge in support of disaster recovery methods and planning.

12/2007 Present **OptimWIFI Wireless Broadband, Koh Samui, Thailand**

Chief Technology Officer (CTO)

I am responsible for managing the daily activities in the development & implementation of Long Line Wireless Systems, Mesh Networks, Wireless Security via walled gardens and multiple payment gateways, Network Infrastructure-Migration, Office Servers & LAN and update security. I developed a complete monitoring/management system. Responsible for deployment for all wireless nodes in network mesh. I developed internal mesh images for Atheros based hardware. Responsible for all physical maintenance & expansion of the network, including site surveying/quoting customers, management of the development and deployment cycle of the network expansion including scheduling, requirements, white papers. I designed and deployed efficiently a new network architecture and build out including a mesh network, walled gardens, payment gateways and captive portal features in less then 12 months. I deployed a turnkey cloud infrastructure on colocated servers for global redundancy.

4/2006 - 11/2007 **Infoweapons corporation Sofia, Bulgaria**

Director of Technology & Product Innovation Office (TPIO), Europe

5/2005 - 4/2006 **Infoweapons Corporation Cebu, Philippines**

Director of Research & Development, ASIA

I was promoted and transferred to Sofia Bulgaria in May 2006. I was responsible for the initial roll out and startup of IWC European Operations. I was solely responsible for location, office, and infrastructure build out. I managed the daily activities in the development cycle of the product including scheduling, requirements, white papers, and staffing needs. I was the Technical lead in all aspects of product design through all phases of Research & Development, Prototyping, Conceptual aspects and Architecture. I conducted the engineering team through Feasibility studies of additions to the product line. I managed the Research & Development of Products & Prototypes, and their fulfillment with existing customer needs. I successfully designed multiple product prototypes, I helped efficiently design the network architecture and build out including Firewalls maintenance, IDS installation, management and forensics analysis. Also, all aspects of security for product lines. I was responsible for managing the daily activities in the development cycle of the product including scheduling, requirements, white papers, and staffing needs. I was responsible for the interviewing, hiring and salary recommendations for all prospective employees. I successfully recruited over 100 employees. I was responsible for the management of 85% of the overall company employee base. I was the Technical lead in all high level meetings with prospective clients, finance companies and feasibility studies of additions to the product line. I successfully designed multiple product prototypes, which sold for multimillion dollar contracts. I helped efficiently design the network architecture and build out including Firewalls maintenance, IDS installation and management and forensics analysis. Also, all aspects of security for product lines. Managed a yearly budget of 2.5 million dollars. I managed ordering of Telecommunication lines, vendor, and equipment purchasing.

8/2002 - 5/2003 **Harcourt, Inc. Orlando, FL**

Senior Systems Administrator, Security Analyst

Responsible for the development of a virtual hosting server environments. Including Linux and Solaris ,Web Sphere Applications and maintenance. Successfully deployed RSA SecureId on Solaris Platform with Apache and IBM WebSphere Application server. Responsible for all middleware applications and WebSphere Application environment and functionality. Participated in the design and implementation of new Web, FTP,

Websphere Applications hosting and DNS servers to provide a higher, more secure class of service and provided support to end users for those system. I am also responsible for the future development and continual growth of the virtual server environment, maintenance, and manage all aspects of security that arise on a daily basis. I designed and implemented and managed a new High Availability DNS infrastructure for the entire organization and over 300 domains. I designed and built new web, and ftp servers to reimplement them in a more secure infrastructure. I was a member of the Harcourt Emergency Response Team. I participated in the RSA SecureID infrastructure implementation under the Solaris Operating System and Sun Hardware Platform.

7/1998 - 6/2002 **NetWolves Technologies Inc. Tampa, FL.**
VP of R&D/Chief Security Officer/Engineer

AFFILIATIONS & Certifications:

SANS GSEC Certified
Commvault Certified Engineer
Qlogic Certified Engineer
1991 Present Influenced Multiple Open Source Projects

ADDITIONAL INFORMATION:

OS: AIX, Solaris, Digital Unix, Digital TRU64, Digital OpenVMS, TSX32, Linux, Free/Open/NetBSDs, HP/UX, IRIX, OpenStep, Apple OS X, Darwin, Windows (NT/2000/2003/XP), Unicos, QNX. OpenVMS 7.2, 7.3, 7.32
Platforms: Sun Sparc, Intel x86/Itanium, AMD, Motorola, PowerPC, ARM, RISC/CISC, RS6000, Digital/Compaq/HP
Alpha AXP, VAX, Mainframes, SGI, Cray Supercomputers
Storage: Nexsan, Qualstar, Exabyte, EMC, JMR, Sanrad. Qlogic, Brocade, Sun, IBM, HP, iSCSI, SAN, NAS, JBOD , NFS, AFS, SFS, ZFS,FCoE
Network: Cisco, Juniper, Bay, Extreme
Embedded: VIA, Soekris, Microtik, RouterBoard, Nexgate, ALIX
Software:
Virtualization: XEN, XEN Cloud Platform, Citrix XenServer, VirtualBox, VMware, Eucalyptus, Karensensui RightScale, OpenQRM, Enomoly ECP, HyperVM, Amazon, RackSpace, Cloudstack, Openstack
Storage & Backup: Veritas, Arkeia, BakBone, Legato, CommVault
Web Applications: IBM WebSphere, Tomcat, JBOSS
Security & Firewall: Firewall1, NetRanger, Snort, Gauntlet, Cisco PIX, Prelude IDS, ISS, pfSense, BSDRP, OPNSense, M0n0wall, Drawbridge, Suricata
Web Servers & Cacheing: NGINX, Lighttpd, Varnish, Apache, Squid, Oops Engine
SMTP: Postfix, Sendmail, IMAP, POP3, Archiveopterix, getmail, fetchmail, TLS/SSL
FTP: wuFTP, ProFTP, TFTP
Shells: BASH, TCSH, ZSH, KSH
Database & LDAP: MySQL, PostGRES, SQLite, IBM DB2, Oracle, LDAP, RabbitMQ, RIAK/KV/S2
DNS: Bind 8, 9, PowerDNS, NSD, Unbound
VOIP: Asterisk, OpenSBC, OpenSER, FreePBX, Kazoo, SipX, OpenSipStack, SofiaSip
Languages: C, PHP, Python, Ruby, AWK, SED, Shell Scripting
HA: VRRP, HSRP, CARP
Wireless: DDWRT, Wifidog, ChilliSpot, CoovaChilli, OpenWRT, LEDE, Linksys, Buffalo. Motorola Canopy, Ubiquiti
Authentication: FreeIPA, PAM, LDAP, SQL, SSO, Radius

Immigration Status: US Citizen
Expected salary: 150,000/Year