

ISAAC D. KISHK

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EXPERIENCE

November 2000 to
November 2008

Savvis (acquired Cable & Wireless America/Exodus Communications)
Senior Network Security Engineer, Master Architect

Networking:

- Performed highly skilled work with Cisco and Check Point security products, as well as hardware and software from other leading vendors such as Foundry, ISS, Nokia, CyberGuard, HP, Netapp and Citrix.
- Acted as migration and integration lead in several successful network deployments involving the seamless integration of legacy Managed Security Support Architectures into existing corporate networks.
- Managed a large, enterprise network of Cisco FWSM blades on Catalyst 65xx systems and Cisco MultiService Blades on the Cisco 12000 XR platform.
- Designed, implemented, and maintained an IPSEC-based VPN management network. Documented and supported client VPN product for end user use. Assisted with basic configuration and QoS implementations of MPLS networks.
- Handled top-tier ticket escalations and provided flexible solutions to a wide variety of problems ranging from ACL and NAT configuration issues to more complex situations requiring vendor involvement. Offered calm and efficient guidance to clients in high pressure response situations.
- Designed and documented numerous security technologies for deployment within our global corporate network. Worked closely with related business partners, vendors, and engineering teams to coordinate proposed solutions.

Programming:

- Authored a Perl-based, SNMP/ICMP notification and response system designed to efficiently monitor thousands of devices while providing real-time status information to the Managed Security Operations Center.
- Designed and administered the managed security portal for use by in-house support personnel. Developed LAMP stack applications and features in support of an ongoing program to improve the overall level of service, responsiveness, and accountability for the clients.

January 2000 to
October 2000

1st Buy.com, Inc.

Technical Director, Network/Security/Systems Administrator

- Managed and maintained all network infrastructure based on Cisco (2621, Catalyst 2924) and 3com (SuperStack) equipment in addition to many custom-built systems.
- Migrated entire network from fractional T1 connectivity to 100Mbps in two weeks with no downtime for customers or employees.
- Oversaw all DNS, IP routing and Firewall/IDS operations.
- Assisted customers with upper-tier technical issues.
- Administered several file servers across a heterogeneous Windows/Linux environment (Samba).
- Maintained several MySQL databases.
- Managed global Sendmail configuration (Majordomo list management and spam prevention).
- Authored numerous Perl programs to extract information from various backend interfaces to support the needs of our customer service and accounting departments.

January 1997 to
January 2000

Illuminati Online (Steve Jackson Games)

Senior Network/Systems Administrator

- Supervised the daily operations of several staff administrators (customer support, web operations, systems group).
- Managed and maintained all network infrastructure based on a variety of Cisco (7206, 4000, 3640, 3620, 3000, 2501, as5300, as5200, Catalyst 5000), Ascend and 3Com equipment.
- Acted as the designated security officer, responsible for the in-depth analysis and handling of all online security-related incidents.
- Resolved all DNS and routing issues, providing direct assistance to customers as needed.
- Administered and maintained a variety of FreeBSD, Linux and NetApp file servers.
- Managed several MySQL and Oracle databases (essential DBA functions).
- Maintained global Sendmail configuration (Majordomo list management and spam prevention) and a full-feed News server.
- Authored several computer programs for flexible log file analysis, inter-office communications and in-house billing and receipting.
- Maintained comprehensive online customer service guidelines and an internal staff web server for use by all support personnel.

August 1996 to
December 1996

Signet Partners

Unix Administrator/Technical Support

- Performed routine administration of local Unix servers including periodic system upgrades, user base and file system maintenance, backup snapshots, performance tuning and security audits.
- Provided courteous and timely email and telephone assistance to internal clients with prompt resolution on all trouble tickets.
- Successfully planned and implemented a significant wiring upgrade for one of the offices (UTP ethernet and digital telephony).

SKILLS

Operating Systems

- Experienced in the installation, maintenance, and administration of Solaris, Linux, BSD, IPSO, Cisco IOS, XR, CatOS, ASA, PIX, ACE, FWSM, MultiServiceBlade, and various Windows Server platforms.

Networking

- Hands-on experience with hardware from Cisco, Foundry, Check Point, Nokia (IP Appliance and CryptoCluster), Ascend and many others.
- Highly skilled in the configuration and operation of Bind (DNS).
- TCP/IP networking generalist. Able to quickly and efficiently isolate and repair complex hardware and software problems throughout the network.
- Proficiency designing enterprise class network architecture including specification, cost-benefit analysis, implementation and integration.

Programming

- Experienced Perl, PHP and shell programmer, with considerable expertise developing LAMP stack applications (Linux, Apache, MySQL, PHP). Excellent team player, with the ability to work cooperatively and lead others in the successful delivery of important projects.

REFERENCES

Available upon request.