ISAAC D. KISHK

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SUMMARY

Experienced network security engineer with over 20 years of experience exploring new and challenging opportunities. Focused on delivering integration, automation, and value on both internal and customer focused initiatives. Proven ability to thrive in a fast paced, challenging work environment and produce results in high-pressure situations.

OBJECTIVE

Provide network security experience in a diverse environment. Protect confidentiality, integrity, and availability of data and information systems. Develop integration, automation, and support tools for internal employees, enhancing product offerings for customers.

EXPERIENCE

November 2020
Present

Boyd Gaming, c/o Link Technologies
Network Security Architect, Firemon Subject Matter Expert

As a senior member of the Information Security team, I provide governance reviews and change validations for changes across a primarily Palo Alto network. Perform vulnerability assessments on published CVE reports. I expanded the existing Firemon capabilities to include extended scheduled reports for the infrastructure, with a roadmap for change ticket automation.

June 2011
October 2020

Hewlett-Packard / Hewlett Packard Enterprise / DXC Technology / AT&T
Senior Network Security Engineer, Global Engineering & Technical Consulting;
Integration Specialist, Global Tech Leads Team

As a senior member of the Leveraged Firewall Engineering group, I provide network security solutions across a diverse infrastructure, using CheckPoint, Cisco, Juniper, Fortinet, FireMon, and PaloAlto solutions..
- Lead role as a principle engineer to identify and remedy solutions in planned and unplanned situations.
- Provide knowledge as a subject matter expert on security processes and procedures, always available as technical and quality peer review resource.
- Design, implement, and verify requirements as identified by the project/technical manager and customer.
- Review and approve requests for highly controlled internal devices.
- Provide operational tier 4 support in a 24x7x365 environment, which includes, firewall changes, network support, and application debugging, as well as, creating root-cause analysis when required.

Assume additional responsibilities, as needed, in order to facilitate a more efficient environment.
- Mentor and train new staff members.
- Lead team training sessions on standard operating procedures and required processes in order to provide more consistent and reliable responses to project implementation and unplanned incidents.
- Create and maintain team documentation and repository.

Identify and understand requirements in processes and procedures with the view on integration and automation.
  • Manage the design, development and documentation of monitoring dashboards integrated into various internal data platforms in order to support automation and drive continuous improvement initiatives.
  • Develop and oversee request submission process flow, allowing flexibility, efficiency, and a user friendly experience.
  • Update team day-to-day processes and procedures as required.
  • Ensure compliance controls are in place using automation checks and balances

July 2010 June 2011	**Cisco Systems, c/o Kforce** *IT Network Systems Integration Specialist*

Focused on installation, management and optimization of the NFX based security monitoring platform. Worked with Enterprise Customers to architect and support Cisco Security devices including: domain devices, firewalls and IPS. Additionally, used various network management tools such as traffic sniffers and packet analyzers to debug and optimize networks.

February 2010 August 2010	**First Data Corporation, c/o EDP/Cognizant** *Information Security Analyst; Network Security and Firewall Operations Group*

Work within a highly secure, three tiered environment, to satisfy PCI and IRS security standards. Ensure the confidentiality, availability, and integrity of all systems, applications, and data in accordance with corporate policy. Perform risk assessments, provide recommendations, and present findings.

June 2009 to January 2010	**Texas Association of Local Health Officials** *Consultant*

Performed network audits resulting in maintenance, configuration, and installation of various Cisco and Dell/EMC platforms. Transformed the physical server footprint via virtualization resulting in driving down cost and increasing resiliency.

November 2000 to November 2008	**Savvis** (acquired **Cable & Wireless America**/**Exodus Communications**) *Senior Network Security Engineer, Master Architect; Managed Security Services*

As a senior member of the Managed Security Services (MSS) team, provided technical leadership for up to 6,000 enterprise customers consisting of up to 10,000 devices.
  • Assessed threats, risks, and vulnerabilities from emerging security issues.
  • Managed process and acted in the lead role for various internal and customer facing management networks.
  • Performed and created procedures for system security audits, penetration-tests, and vulnerability assessments.

As a member of the Principal Engineering Group, within MSS, oversaw internal systems, processes, procedures, and development of tools.
  • Drafted enterprise security standards and guidelines for firewall configuration and policies.
  • Developed Perl and shell scripts to maintain, automate, report, and backup key security and infrastructure procedures.
  • Designed, deployed, and maintained a global IPSEC-based VPN management network.

- 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.

SKILLS

Skill Name	Skill Level	Experience
Apache, DHCP, MySQL, SAMBA, Sendmail, SSH, Qmail Administration	Expert	25 years
Checkpoint Provider-1/Firewall-1	Expert	20 years
Cisco Switches	Expert	18 years
Cisco Routers (IOS/XR)	Intermediate	16 years
Cisco Firewalls	Expert	20 years
Cyberguard Firewall	Expert	8 years
DNS Administration (bind)	Expert	20 years
FireMon	Intermediate	7 years
Fortinet Fortigate	Intermediate	3 years
Foundry BigIron	Intermediate	5 years
FreeBSD System Administration	Intermediate	13 years
Intrusion Detection	Intermediate	5 years
IP allocation and management	Expert	22 years
IP Packet Analysis	Expert	15 years
Juniper Netscreen/JunOS/NSM	Intermediate	5 years
Linux System Administration	Expert	26 years
Penetration Testing	Expert	15 years
Perl	Expert	25 years
PHP	Intermediate	23 years
Radius administration	Intermediate	6 years
Solaris System Administration	Expert	9 years
VMWare	Intermediate	11 years
VPN	Expert	17 years

REFERENCES

Available upon request.