

Mark Haakma

Security Compliance Analyst & experienced Systems Administrator

Experienced Systems Operator and Security Compliance Analyst.

PORTFOLIO AND RESUME LINKS

TryHackMe Profile: <https://tryhackme.com/p/fastvalve14>

Linkedin: <https://www.linkedin.com/in/mark-haakma-b286a6153/>

EXPERIENCE

Security Operations Analyst: Wellington, NZ - ANZ New Zealand

June 2023 - Present

- Governance, regulation, and compliance analysis for multiple tech-team platforms across Citrix/Windows/VMWare fleets for ANZ New Zealand.
- Core duties include review of and reporting on platforms, networks, and systems to ensure compliance with governing standards, stakeholder engagement and interaction to ensure knowledge and remediation of non-compliances, vulnerability assessment and remediation, and security compliance advisory duties.
- Tools and competencies for this role include management and utilization of Tripwire enterprise for configuration compliance and change control auditing, knowledge of multiple standards and industry regulations (including CIS, NIST, ISO 27001, PCI-DSS, and ANZ in-house information security standards), Jira/Confluence for task planning/documentation, and proficiency with a suite of data presentation tools (Tableau, PowerPoint, QlikSense) .
- Major achievements include design and development of reporting methodologies and standardization of reporting delivery for multiple key controls for multiple platform teams, regular value-returning reporting to remove licensing costs by identifying decommissioned servers, SME assistance in a 90% reduction in total vulnerabilities (Windows platform) and delivery of platform security attestations to ensure security compliance with all major governing standards.
- Secondary duties, tasks and competencies include Powershell scripting for compliance checking, information security standard review and collaborative re-writing, process documentation design and creation, data analysis, and backup duties for fellow analysts in Network and Storage domains.

Systems Operator: Wellington, NZ — US State Department

March 2017 - June 2023

- Administration of Microsoft Domain networks, including Group Policy development, domain management, and user account creation, transferral, and administration across a global user environment.
- Creation, implementation, and management of Cybersecurity program for secondary business network; utilization of tools such as Snort (intrusion protection), OpenVAS (vulnerability assessment), AlienVault (SIEM tool), and Microsoft Defender to deliver network security for on-premises networks .
- Primary Network Security operations member, including administration of both in-house and open source security and patch management tools including iPost Enterprise Network Management and

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PROFICIENT KNOWLEDGE & SKILLS

Azure Active Directory ◦ Python ◦ C# ◦ Microsoft 365 ◦ Kali Linux ◦ Powershell ◦ Technical Documentation ◦ Microsoft Database Administration ◦ Application Security ◦ Ethical Hacking ◦ Traffic Analysis ◦ Network Detection And Response ◦ Patch Management ◦ Incident Response ◦ End-User Training ◦ Server Administration ◦ ICT Procurement ◦ Contract Writing and Administration ◦ Virtualbox ◦ Technical Troubleshooting ◦ Remote Work Administration ◦ Git ◦ Vendor and Stakeholder Management ◦ Tripwire Enterprise ◦ Governance, Regulation and Compliance ◦ Tenable.IO

CERTIFICATIONS

Certified in Cybersecurity (C|C)

October 2022

SysAd Cybersecurity Foundations (US State Dept)

March 2022

Certified Cyber-Security Analyst (CySA+)

May 2023

Microsoft Azure AI-900 - Artificial Intelligence Fundamentals

May 2023

Microsoft Security, Compliance and Identity Fundamentals

June 2023

SkillFront ISO/IEC 27001 Information Security Associate

February 2024

PatchManager Manage Engine.

- Network administrative tasks performed include reviewing and reporting of server health and event logs, creating user training procedures and documentation for security training, and proactive monitoring of systems and infrastructure.
- Development of key radio management database (MS Access/SQL back-end, web-based front end) to automate and simplify emergency radio device operation management.
- ICT Procurement lead, including end to end leadership of procurement life-cycle tasks as related to IT requirements..
- Public speaking and leadership on security training initiatives, including development of an in-house Cybersecurity Awareness week to create a well-trained user base

Procurement Manager: Wellington, NZ — US State Department

December 2008 - March 2017

- Management of end to end procurement processes across all critical levels of function, from small-dollar value recurrent transactions to high dollar figure multi-year contracts.
- Senior Procurement Lead for US Embassy Wellington and Samoa (Apia), overseeing all procurement functions for child departments across the US State Department and Department of Defense.
- Management of high-level VIP events, including multi-stage delegations for Obama, Kerry, Clinton, Biden, and Tillerson.
- Multiple awards for performance in role, including Franklin Award (highest level of State Dept honors) for services in ongoing end of financial year procurement.
- Development of accountability framework to expedite payment to local vendors, improve service delivery time for customers, and ensure a high level of accountability to end of year reporting functions.
- Familiar with a wide range of procurement methodology, including fixed price and IDIQ contract types, tendering, RFI/RFQ issuance, post-contract award administration, and commercial/construction contracts.

PROJECTS & COMPETENCIES

- Led attestation completion and baseline review, development, and creation of governance baselines for multiple core platforms (ANZ, 2024)
- Design, creation, and implementation of automated Anti-Virus compliance pipeline and dashboard to ensure controls compliance using PowerShell, PowerBI, and Python scripting (ANZ, 2025)
- System design and implementation of open-source cybersecurity toolset for backup network, including Snort, OpenVAS and AlienVault (US Embassy, 2023)

HOME LAB PROJECTS

- Self-built Home Laboratory comprised of Dell T7910 running on ProxMox Hypervisor
- Ubuntu 22.04 Controller, hosting Splunk Enterprise (SIEM), Snort (IDS/IPS), operated as a VPN Server for remote secured client machines
- Kali Linux VM for penetration testing on home network, set up with DVWA (Damn Vulnerable Web Application) penetration testing platform
- Azure Cloud-Native lab set up to improve familiarity with Azure Cloud Solutions, currently utilized for Machine Learning and Domain Management skill improvement.
- LLM development as the first-phase of AI-based AI intrusion prevention using Python, Jupyter, and PyTorch.

EDUCATION

Southern Institute of Technology, Invercargill:
2022- — Diploma in Business Management

Computer Power Plus,
Wellington: 2016-2017 —
Diploma in Software Development (C#)