

Senior Specialist DDIT ISC Detection & Response

Job ID
REQ-10039812
Feb 24, 2025
Malaysia

Summary

The Detection and Response Senior Specialist will be an integral part of the Novartis Cyber Security Operations Center (CSOC). The Novartis CSOC is an advanced security team that has reinvented Security Operations. It is comprised of a global team passionate about defending Novartis against modern and sophisticated IT security threats and attacks. The Detection and Response Senior Specialist will leverage a variety of tools and resources to detect, investigate, and mitigate threats impacting Novartis' networks, systems, users, and applications. This role will involve coordination and communication with technical and nontechnical teams, including security leadership and business stakeholders. This is a position intended for a professional with a few years of experience, and will challenge and grow their technical investigation and IT security skillsets.

About the Role

MAJOR ACCOUNTABILITIES

- Technical Team Lead
 - Supervise and manage a team of diverse skillsets and personalities
 - Evaluate and review performance; provide coaching and mentoring; develop and track career improvement goals
 - Instill and maintain cohesiveness and positive working culture
 - Accountable for regional delivery around monitoring and incident response
- Security Monitoring and Triage
 - Monitor in real time security controls and consoles from across the Novartis IT ecosystem
 - Communicate with technical and non-technical end users who report suspicious activity
- Forensics and Incident Response
 - Serve as escalation point for conducting investigations into security incidents involving advanced and sophisticated threat actors and TTPs
 - Perform forensic collection and analysis of electronic assets and devices, scripts and malicious software, and log sources from a variety of systems and applications
 - Manage incident response activities including scoping, communication, reporting, and long term remediation planning
 - Respond to major incidents as part of larger major incident response team
- Big Data analysis and reporting:
 - Utilizing SIEM/Big data to identify abnormal activity and extract meaningful insights.
 - Research, develop, and enhance content within SIEM and other tools
- Technologies and Automation:
 - Interface with engineering teams to design, test, and implement playbooks, orchestration workflows

and automations

- Research and test new technologies and platforms; develop recommendations and improvement plans
- Day to day:
 - Perform host based analysis, artifact analysis, network packet analysis, and malware analysis in support of security investigations and incident response
 - Coordinate investigation, containment, and other response activities with business stakeholders and groups
 - Develop and maintain effective documentation; including response playbooks, processes, and other supporting operational material
 - Perform quality assurance review of analyst investigations and work product; develop feedback and development reports
 - Provide mentoring of junior staff and serve as point of escalation for higher difficulty incidents
 - Develop incident analysis and findings reports for management, including gap identification and recommendations for improvement
 - Recommend or develop new detection logic and tune existing sensors / security controls
 - Work with security solutions owners to assess existing security solutions array ability to detect / mitigate the abovementioned TTPs
 - Creating custom SIEM queries and dashboards to support the monitoring and detection of advanced TTPs against Novartis network
 - Participate in weekend/after hour on-call rotation to triage and/or respond to major incidents

EDUCATION

- University working and thinking level, degree in business/technical/scientific area or comparable education/experience
- Professional information security certification, such as CISSP, CISM or ISO 27001 auditor / practitioner is preferred. Professional (information system) risk or audit certification such as CIA, CISA or CRISC is preferred

EXPERIENCE

- 6+ years of experience in Incident Response / Computer Forensics / CSOC team / Threat Hunting or related fields
- Experienced IT administration with broad and in-depth technical, analytical and conceptual skills
- Experience in reporting to and communicating with senior level management (with and without IT background, with and without in depth risk management background) on incident response topics
- Excellent written and verbal communication and presentation skills; interpersonal and collaborative skills; and the ability to communicate information risk-related and incident response concepts to technical as well as nontechnical audiences
- Excellent understanding and knowledge of general IT infrastructure technology and systems
- Proven experience to initiate and manage projects that will affect CSOC services and technologies

PRODUCT/MARKET/CUSTOMER KNOWLEDGE

- Good understanding of pharmaceutical industry. Good understanding and knowledge of business processes in a global pharmaceutical industry

SKILLS/JOB RELATED KNOWLEDGE

- Good mediation and facilitation skills

- Good knowledge of IT Security Project Management
- Experience with security incident monitoring and response related to medical devices
- Knowledge of (information) risk management related standards or frameworks such as COSO, ISO 2700x, CobiT, ISO 24762, BS 25999, NIST, ISF Standard of Good Practice and ITIL
- Knowledge of security frameworks such as Hitrust
- Host and network based forensic collection and analysis
- Dynamic malware analysis, reverse engineering, and/or scripting abilities
- Proficient with Encase, Responder, X-Ways, Volatility, FTK, Axiom, Splunk, Wireshark, and other forensic tools
- Understanding of Advanced Persistent Threat (APT) and associated tactics.
- Research, enrichment, and searching of indicators of compromise
- Very strong team and interpersonal skills along with the ability to work independently and achieve individual goals.
- Coordinate with other team members to achieve the specified objectives.
- Effective oral and written communication skills

NETWORKS

- High level of personal integrity, and the ability to professionally handle confidential matters and exude the appropriate level of judgment and maturity
- Ability to handle competing priorities, and seeking consensus when stakeholders have different or even contradicting opinions

OTHER

- Fluency (written and spoken) in English

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together?

<https://www.novartis.com/about/strategy/people-and-culture>

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<https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

Division

Operations

Business Unit

CTS

Location

Malaysia

Site

Selangor

Company / Legal Entity

MY01 (FCRS = MY001) Novartis Corporation (Malaysia) Sdn. Bhd. (19710100054)

Functional Area

Technology Transformation

Job Type

Full time

Employment Type

Regular

Shift Work

No

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