NOVARTIS

Associate Director, Enterprise IT Infrastructure Security

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Израиль

Сводка

The new Enterprise IT Infrastructure Security Architect will be responsible for shaping the security of the IT platforms that power our enterprise as automation and AI transform how we work. Within Enterprise Security Architecture, the architect will own security requirements, control architecture and assurance across virtualization, storage, backup, operating systems, high-performance computing (HPC), on-premises AI solutions such as NVIDIA SuperPOD, containers and Kubernetes. The architect will guide engineering teams in implementing and validating security controls, while underlying infrastructure solution design, sizing, configuration implementation and day-to-day operations remain the responsibility of platform architecture and engineering teams.

About the Role

Internal Job Title: Assoc. Dir. DDIT ISC Enterprise IT Infra Security

#LI-Hybrid

Primary Location: Israel
Other Locations: Barcelona, Spain; Prague, Czech Republic

Relocation Support: This role is based in Israel. Novartis is unable to offer relocation support: please only apply if accessible.

Help shape the security foundations behind the technologies transforming how we work. As Associate Director, Enterprise IT Infrastructure Security, you'll define the security architecture, controls, and assurance that protect critical enterprise infrastructure, from virtualization and resilient storage to high-performance computing, artificial intelligence platforms, and Kubernetes. Working across security, infrastructure, cloud, identity, network, data, and artificial intelligence teams, you'll turn complex security requirements into practical, scalable patterns that engineering teams can confidently adopt. This is an opportunity to influence enterprise-wide technology direction while strengthening resilience, automation, and security by design.

Key Responsibilities

- Own enterprise infrastructure security standards, target architectures, control roadmaps, and reusable security patterns.
- Design security controls across virtualization, operating systems, management planes, administrative access, segmentation, and platform integrity.
- Strengthen storage and backup security through encryption, access isolation, immutable recovery, and ransomware-resilience controls.
- Define security controls for high-performance computing and on-premises artificial intelligence platforms, including NVIDIA SuperPOD environments.
- Establish container and Kubernetes security patterns covering identities, secrets, network policies, image provenance, and runtime protection.
- Partner across infrastructure, cloud, identity, network, data, and artificial intelligence teams to embed scalable security controls.
- Lead threat modelling and security assessments of infrastructure designs, identifying risks and defining risk-based remediation requirements.
- Define automated security assurance for infrastructure as code, configuration management, and continuous integration and delivery pipelines.
- Establish logging, monitoring, vulnerability management, and continuous control-assurance requirements across enterprise infrastructure.
- Communicate architectural direction, security risks, control adoption, and remediation progress effectively to technical and senior stakeholders.

Essential Requirements

- Bachelor's degree in a technical or business discipline, or equivalent relevant professional experience.
- 10+ years in security, including 5+ years in enterprise IT infrastructure security architecture and engineering.
- Strong security architecture expertise across infrastructure design, implementation, operations, threat modelling, and control validation.
- Experience defining security standards, hardening baselines, reusable architecture patterns, and implementable security controls.
- Deep knowledge of virtualization and operating system security across VMware, Nutanix, IBM Power, Windows Server, and Linux environments.
- Strong experience securing enterprise storage, backup and recovery, including encryption, immutable backups, ransomware resilience, and privileged access.
- Experience securing high-performance computing, graphics processing unit and artificial intelligence infrastructure, including NVIDIA SuperPOD or comparable platforms.
- Practical expertise in Kubernetes, containers, identity and access management, infrastructure automation, vulnerability management, and security monitoring.

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Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.
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Дивизион
Operations
Business Unit
Information Technology
Место

Израиль
Сайт
Israel
Company / Legal Entity
IL04 (FCRS = IL004) Novartis Israel
Functional Area
Информационные технологии
Job Type
Full time
Employment Type
Regular
Shift Work
No

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