

Business Operations, HR Team
Technology & Transformation

Dr. Steevens’ Hospital,

Dublin 8, D08 W2A8

**Oibríochtaí Gnó, Foireann AD**

**Teicneolaíocht & Tarfhoirmiú**

FSS, Ospidéal Dr. Steevens’,

Baile Átha Cliath 8, D08 W2A8

**Grade VII Vulnerability Management Specialist**

**Technology & Transformation**

**Job Specification & Terms and Conditions**

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| **Job Title and Grade** | **Grade VII Vulnerability Management Specialist***(Grade Code: 0582)* |
| **Campaign Reference** | T&T/22/24 |
| **Closing Date** | Tuesday 15th October 2024 at 12:00 Noon |
| **Proposed Interview Date (s)** | TBC |
| **Taking up Appointment** | A start date will be indicated at job offer stage. |
| **Organisational Area** | Technology & Transformation  |
| **Location of Post** | Technology & Transformation currently have a number of offices throughout Ireland and it is expected that the successful candidate will work from one of these locations.* Dublin
* Kells
* Sligo
* Manorhamilton
* Cork
* Kilkenny
* Galway
* Limerick
* Tullamore
* Drogheda
* Kerry
* Ardee

A panel may be created for the post from which permanent and specified purpose vacancies of full or part time duration may be filled. |
| **Informal Enquiries** | Lydia KeoganEmail: recruitment.technologyandtransformation@hse.ie |
| **Details of Service** | The Chief Information Security Officer’s (CISO) office is responsible for driving the uplifting of the HSE’s cybersecurity maturity levels. Within the CISO office, different teams cover one or more Enterprise Security Architecture pillars, providing a comprehensive framework for addressing identified risks and planning for the future. Technology & Transformation is the HSE office responsible for the delivery of technology to support healthcare across Ireland. Technology & Transformation embraces all voice, video and data communications technologies and provides one central management point for all purchases of hardware, software, telecommunications, ICT developments and advisory services. Technology and Transformation is also responsible for turning operational delivery model within Technology & Transformation into a reality ensuring that technology supports healthcare efficiently and effectively throughout the whole system. The core of the operational delivery model is to bring improved population wellbeing, health service efficiencies and economic opportunity through the use of technology enabled healthcare provision. Please see link to the eHealth Ireland website here [**ehealthireland.ie**](https://www.ehealthireland.ie/) |
| **Reporting Relationship** | General Manager, CISO |
| **Purpose of the Post**  | We are seeking for an experienced Vulnerability Management Specialist to support the operation of our Cyber Security Incident Response Team (CSIRT). The Vulnerability Management Specialist will be responsible for managing vulnerability scanning processes, assessing and prioritising identified vulnerabilities, collaborating with IT teams for remediation, and staying up-to-date on emerging threats. |
| **Principal Duties and Responsibilities** | * Schedule regular vulnerability scans of healthcare IT systems and applications.
* Analyse vulnerability scan results to identify potential security weaknesses and exploitable vulnerabilities.
* Assess identified vulnerabilities based on severity, exploitability, and potential impact on patient data confidentiality, integrity, and availability.
* Prioritise vulnerabilities based on a risk scoring system considering patient safety, regulatory compliance, and potential business disruption.
* Document identified vulnerabilities with detailed information for remediation purposes.
* Collaborate with IT operations teams to develop and implement effective remediation plans for identified vulnerabilities.
* Track the progress of vulnerability remediation activities and ensure timely patching or mitigation strategies are in place.
* Monitor for new vulnerabilities and emerging threats affecting healthcare systems, updating vulnerability scanners and processes accordingly.
* Generate regular reports summarising vulnerability scan results, identified risks, and remediation progress.
* Communicate effectively with IT leadership, security teams, PMO, and other stakeholders regarding vulnerability management activities and risks.
* Participate in vulnerability management process improvement initiatives.
* Stay informed of relevant healthcare data security regulations and ensure vulnerability management practices adhere to compliance requirements.
* Assist with security audits and regulatory compliance assessments related to vulnerability management.

Human Resources / Supervision of Staff * Review the conduct and completion of assignments of other staff in accordance with the operational plan and expected quality standards.
* Create and maintain a positive working environment among staff members, which contributes to maintaining and enhancing effective working relationships

The above job description is not intended to be a comprehensive list of all duties involved and consequently, the post holder may be required to perform other duties as appropriate to the post which may be assigned to him/her from time to time and to contribute to the development of the post while in office.  |
| **Eligibility Criteria****Qualifications and/ or experience** | **Eligibility Criteria – Qualifications and/or experience** 1. **Professional Qualifications, Experience, etc.:**

(a) Eligible applicants will be those who on the closing date for the competition: 1. Have satisfactory experience as a Clerical Officer in the HSE, TUSLA, other statutory health agencies, or a body which provides services on behalf of the HSE under Section 38 of the Health Act 2004.

**Or**1. Have obtained a pass (Grade D) in at least five subjects from the approved list of subjects in the Department of Education Leaving Certificate Examination, including Mathematics and English or Irish1 . Candidates should have obtained at least Grade C on higher level papers in three subjects in that examination.

**Or**1. Have completed a relevant examination at a comparable standard in any equivalent examination in another jurisdiction.

**Or**1. Hold a comparable and relevant third level qualification of at least level 6 on the National Qualifications Framework maintained by Qualifications and Quality Ireland, (QQI).

 **and**(b) Candidates must possess the requisite knowledge and ability, including a high standard of suitability, for the proper discharge of the office.*Note1: Candidates must achieve a pass in Ordinary or Higher-level papers. A pass in a foundation level paper is not acceptable. Candidates must have achieved these grades on the Leaving Certificate Established programme or the Leaving Certificate Vocational programme. The Leaving Certification Applied Programme does not fulfil the eligibility***Health**A candidate for and any person holding the office must be fully competent and capable of undertaking the duties attached to the office and be in a state of health such as would indicate a reasonable prospect of ability to render regular and efficient service. **Character**Each candidate for and any person holding the office must be of good character. |
| **Post specific requirement** | **Applicants must, at the latest date of application, clearly demonstrate, all of the criteria listed below as relevant to the role:*** Strong understanding of vulnerability assessment methodologies and tools.
* Experience with vulnerability scanners and patch management systems (e.g., Nessus, Qualys, etc.).
* Working knowledge of IT infrastructure and operating systems.
* Experience of building and maintaining internal and external business relationships
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| **Other requirements specific to the post** | * Bachelor's degree in Computer Science, Information Security, or a related field (or equivalent experience).
* Minimum 3+ years of experience in vulnerability management or related IT security role
* Access to appropriate transport to fulfil the requirements of the role.
* Need to have full Driving Licence with own transport to fulfil the requirements of the role as this post may involve travel. Attendance at regular meetings in Dr Steevens Hospital and other HSE locations
* Flexibility in working hours to meet the needs of the service.
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| **Skills, competencies and/or knowledge** | **Professional Knowledge & Experience*** A strong understanding of the Technology & Transformation operating model
* Strong understanding of vulnerability assessment methodologies and tools.
* Understanding of vulnerability prioritisation approaches using CVSS and EPSS
* Experience translating technical security vulnerabilities into cyber risk statements
* Working with threat intelligence data sources to analyse likelihood of vulnerability exploitation and weaponisation
* Experience with vulnerability scanners and patch management systems (e.g., Nessus, Qualys, etc.).
* Ability to understand and plan remediation using technical penetration testing and red teaming exercise reports.
* Ability to define, track and report threat and vulnerability management program metrics.
* Working knowledge of scripting languages like Python, Bash and PowerShell.
* Working knowledge of IT infrastructure and operating systems.
* Strong communication, collaboration, and interpersonal skills.
* Ability to work independently and manage multiple priorities in a fast-paced environment.
* Excellent analytical, research, and problem-solving skills.
* Ability to work effectively in a team environment and collaborate with other cybersecurity professionals.
* Knowledge and understanding of Human and Internal Resources policies in the HSE.
* Excellent MS Office skills to include, Word, Excel and PowerPoint
* Knowledge and experience of using an email system effectively e.g. Outlook, Lotus Notes
* Knowledge of the health service including a basic knowledge of HSE reform

**Communications & Interpersonal Skills*****Demonstrate:**** Excellent communication and interpersonal skills in order to deal effectively with a wide range of stakeholders
* The ability to present information clearly, concisely and confidently when speaking and in writing.
* The ability to build and maintain relationships with colleagues and other stakeholders to assist in performing the role

**Planning & Managing Resources*****Demonstrate:**** Strong planning and organising skills including, structuring and organising own work load and that of others effectively
* The ability to use computer technology effectively for the management and delivery of results
* The ability to take responsibility and be accountable for the delivery of agreed objectives
* A logical and pragmatic approach to workload, delivering the best possible results with the resources available

**Evaluating Information, Problem Solving & Decision Making** ***Demonstrate:**** The ability to gather and analyse information from relevant sources, weighing up a range of critical factors to develop solutions and make decisions as appropriate
* Ability to make sound decisions with a well-reasoned rationale and to stand by these
* Initiative in the resolution of complex issues
* A capacity to develop new proposals and put forward solutions to address problems

**Building and Maintaining Relationships including Teamwork & Leadership Skills*****Demonstrates:**** The ability to build and maintain relationships with colleagues and other stakeholders and to achieve results through collaborative working.
* The ability to work both independently and collaboratively within a dynamic team and multi stakeholder environment.
* The ability to lead the team by example, coaching and supporting individuals as required.
* Flexibility, adaptability and openness to working effectively in a changing environment.

**Commitment to a Quality Service*****Demonstrate:**** Evidence of incorporating the needs of the service user into service delivery
* Evidence of proactively identifying areas for improvement and the development of practical solutions for their implementation
* Evidence of practicing and promoting a strong focus on delivering high quality customer service for internal and external customers
* Commitment to developing own knowledge and expertise
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| **Campaign Specific Selection Process****Ranking/Shortlisting / Interview** | A ranking and or shortlisting exercise may be carried out on the basis of information supplied in your application form. The criteria for ranking and or shortlisting are based on the requirements of the post as outlined in the eligibility criteria and skills, competencies and/or knowledge section of this job specification. Therefore, it is very important that you think about your experience in light of those requirements. Failure to include information regarding these requirements may result in you not being called forward to the next stage of the selection process. Those successful at the ranking stage of this process (where applied) will be placed on an order of merit and will be called to interview in ‘bands’ depending on the service needs of the organisation. |
| **Code of Practice** | The Health Service Executive will run this campaign in compliance with the Code of Practice prepared by the Commission for Public Service Appointments (CPSA). The Code of Practice sets out how the core principles of probity, merit, equity and fairness might be applied on a principle basis. The Code also specifies the responsibilities placed on candidates, facilities for feedback to applicants on matters relating to their application when requested, and outlines procedures in relation to requests for a review of the recruitment and selection process and review in relation to allegations of a breach of the Code of Practice. Additional information on the HSE’s review process is available in the document posted with each vacancy entitled “Code of Practice, Information for Candidates”.Codes of practice are published by the CPSA and are available on [www.hse.ie/eng/staff/jobs](http://www.hse.ie/eng/staff/jobs) in the document posted with each vacancy entitled “Code of Practice, Information for Candidates” or on [www.cpsa.ie](http://www.cpsa.ie). |
| The reform programme outlined for the Health Services may impact on this role and as structures change the job description may be reviewed.This job description is a guide to the general range of duties assigned to the post holder. It is intended to be neither definitive nor restrictive and is subject to periodic review with the employee concerned. |

**Grade VII Vulnerability Management Specialist**

 **Terms and Conditions of Employment**

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| **Tenure**  | The current vacancies available are permanent and whole time. The post is pensionable. A panel may be created from which permanent and specified purpose vacancies of full or part time duration may be filled. The tenure of these posts will be indicated at “expression of interest” stage. Appointment as an employee of the Health Service Executive is governed by the Health Act 2004 and the Public Service Management (Recruitment and Appointments) Act 2004 and Public Service Management (Recruitment and Appointments) Amendment Act 2013. |
| **Remuneration**  | The Salary scale for the post is: **Grade VII**€57,677, €59,085, €60,732, €62,384, €64,042, €65,522, €67,030, €68,497 €69,954, €72,461, €74,978 LSIs (01.06.2024)New appointees to any grade start at the minimum point of the scale.  Incremental credit will be applied for recognised relevant service in Ireland and abroad (Department of Health Circular 2/2011).  Incremental credit is normally granted on appointment, in respect of previous experience in the Civil Service, Local Authorities, Health Service and other Public Service Bodies and Statutory Agencies. |
| **Working Week** | The standard working week applying to the post is 35 hours.HSE Circular 003-2009 “Matching Working Patterns to Service Needs (Extended Working Day / Week Arrangements); Framework for Implementation of Clause 30.4 of Towards 2016” applies. Under the terms of this circular, all new entrants and staff appointed to promotional posts from Dec 16th 2008 will be required to work agreed roster / on call arrangements as advised by their line manager. Contracted hours of work are liable to change between the hours of 8am-8pm over seven days to meet the requirements for extended day services in accordance with the terms of the Framework Agreement (Implementation of Clause 30.4 of Towards 2016). |
| **Annual Leave** | The annual leave associated with the post will be confirmed at job offer stage. |
| **Superannuation** | This is a pensionable position with the HSE. The successful candidate will upon appointment become a member of the appropriate pension scheme. Pension scheme membership will be notified within the contract of employment. Members of pre-existing pension schemes who transferred to the HSE on the 01st January 2005 pursuant to Section 60 of the Health Act 2004 are entitled to superannuation benefit terms under the HSE Scheme which are no less favourable to those which they were entitled to at 31st December 2004 |
| **Age** | The Public Service Superannuation (Age of Retirement) Act, 2018\* set 70 years as the compulsory retirement age for public servants.***\* Public Servants not affected by this legislation:***Public servants recruited between 1 April 2004 and 31 December 2012 (new entrants) have no compulsory retirement age.Public servants recruited since 1 January 2013 are members of the Single Pension Scheme and have a compulsory retirement age of 70. |
| **Probation** | Every appointment of a person who is not already a permanent officer of the Health Service Executive or of a Local Authority shall be subject to a probationary period of 12 months as stipulated in the Department of Health Circular No.10/71. |
| **Infection Control** | Have a working knowledge of Health Information and Quality Authority (HIQA) Standards as they apply to the role for example, Standards for Healthcare, National Standards for the Prevention and Control of Healthcare Associated Infections, Hygiene Standards etc. and comply with associated HSE protocols for implementing and maintaining these standards as appropriate to the role. |
| **Health & Safety** | It is the responsibility of line managers to ensure that the management of safety, health and welfare is successfully integrated into all activities undertaken within their area of responsibility, so far as is reasonably practicable. Line managers are named and roles and responsibilities detailed in the relevant Site Specific Safety Statement (SSSS). Key responsibilities include:* Developing a SSSS for the department/service[[1]](#footnote-1), as applicable, based on the identification of hazards and the assessment of risks, and reviewing/updating same on a regular basis (at least annually) and in the event of any significant change in the work activity or place of work.
* Ensuring that Occupational Safety and Health (OSH) is integrated into day-to-day business, providing Systems Of Work (SOW) that are planned, organised, performed, maintained and revised as appropriate, and ensuring that all safety related records are maintained and available for inspection.
* Consulting and communicating with staff and safety representatives on OSH matters.
* Ensuring a training needs assessment (TNA) is undertaken for employees, facilitating their attendance at statutory OSH training, and ensuring records are maintained for each employee.
* Ensuring that all incidents occurring within the relevant department/service are appropriately managed and investigated in accordance with HSE procedures[[2]](#footnote-2).
* Seeking advice from health and safety professionals through the National Health and Safety Function Helpdesk as appropriate.
* Reviewing the health and safety performance of the ward/department/service and staff through, respectively, local audit and performance achievement meetings for example.

**Note**: Detailed roles and responsibilities of Line Managers are outlined in local **SSSS**.  |

1. A template SSSS and guidelines are available on the National Health and Safety Function/H&S web-pages [↑](#footnote-ref-1)
2. See link on health and safety web-pages to latest Incident Management Policy [↑](#footnote-ref-2)