

Job Description

Job Title: Security Analyst

About SLC

Student Loans Company is a non-profit making Government-owned organisation set up in 1989 to provide loans and grants to students in universities and colleges in the UK. We are responsible for student support delivery in the UK.

Company Mission

We enable our customers to invest in their futures by delivering secure, accurate and efficient assessment, payment and repayment services.

Company Vision

Our vision is to be valued as a digital, customer-focused, centre of excellence.

Job Details

Overview of department:

The post holder will translate the needs of the company and security policy in order to deliver a secure business or technical solution.

Grade:

Grade 3

Reporting to:

Chief Information Technology Security Officer

Budget Responsibility:

None

Line Management Responsibility:

None

Job Purpose:

- Working within the Information Security Operations team you will take an active role in the configuration and maintenance of a diverse range of security tools; be an advocate for Information Security across multiple business units and ensure that systems are compliant with internal and government security standards.
- Monitor security tools to detect security events & incidents; Report and escalate any security breaches to the Information Technology Security Officer
- Operate vulnerability scanning and compliance tools to identify system weaknesses and liaise with other IT to co-ordinate remedial actions.
- Monitor the changing threat landscape to identify and report emerging threats and issues; Assess the impact of emerging vulnerabilities and manage teams to co-ordinate appropriate remedial actions.
- Enhance technical security process and procedures ensuring alignment to the corporate security policy.

- Represent IT Security matters at technical and business forums;
- Provide guidance and support to technical teams on security standards and industry best practice

Key responsibilities:

- To be a security representative or point of contact for all technical deliveries, initiatives and project implementations.
- To develop technical processes, procedures and standards and promote compliance in line with Government security (i.e. HMG Security Policy Framework (SPF) and Infosec Standards), corporate policies and corporate or local procedures and legal and international security standards (i.e. ISO27001, COBIT),
- Assess technical security risks in terms of impact to systems and service confidentiality, integrity and availability, and report and escalate results of risk assessments.
- Report any real or potential security breaches / vulnerabilities to the Senior Security Analyst and provide technical support and leadership to technical teams during incident response
- Produce, review and constantly evaluate effectiveness and efficiency of technical security controls, standards and procedures in line with security requirements, business needs, delivering enhancements where applicable.
- Assist in the provision of designs and technical solutions in support of corporate security policies and external standards.
- Specification and design of automated security monitoring tools and, in conjunction with the technical teams, support the installation, configuration of such tools and assist in maintenance and monitoring activities.
- Active sponsor of continuous process improvement in relation to security matters.
- Provision of consultancy, advice and guidance to teams involved in the design, development and delivery of SLC products and services.
- Contribute to the creation and maintenance of Risk Management Accreditation Document Sets for appropriate systems and on occasion lead ICT input to these.
- Be a focus point for security advice and consultancy on a day to day basis.
- Actively monitor security tools deployed within the SLC (anti-virus, configuration control, vulnerability management, end point security), escalate issues, assist with remediation and maintain these systems.
- Provide guidance as to security requirements for technical proposals and technical specification documents, in relation to security controls.
- Assist the Senior Security Analyst in technical investigations as a result of a security incident.

Knowledge, Skills and Experience:

- Experience in either an infrastructure security or application development security related role evidenced.
- Proven experience in infrastructure systems (UNIX, NT, Windows, Solaris)
- Experience with network technologies (TCP/IP, Firewalls, LAN/WAN/VLAN)
- Exposure to application and system development (Oracle, Java, UNIX, Web Service architecture).
- A proven track record of analysis of requirements and implementing solutions to security requirements.
- Experience in developing of technical security documentation and review of ICT technical documentation.
- Knowledge of security monitoring tools.