

Job Title:	Systems Engineer - Security
Grade Level/Terms of Employment:	Unified Pay Schedule, Pay Grade 126
FLSA Status:	Exempt
Work Location:	Technology Services
Immediate Supervisor:	Manager, Infrastructure

General Description:

The Technology Services team is responsible for ensuring that Richmond Public Schools' (RPS) technology resources function efficiently and meet the needs of the RPS community. The Systems Engineer - Security supports this work through systems security assessments and continual systems improvement work.

Essential Duties and Responsibilities:

- Conducts systems security assessments
- Routinely analyzes system logging capability to identify and remove potential issues
- Creates system security and data integrity policies and procedures
- Performs routine audits of server systems and software to ensure organizational compliance with all procedures and policies
- Assists in disaster recovery planning
- Provides training materials and sessions related to system security
- Maintains appropriate written documentation for equipment configuration
- Coordinates with vendors for the installation of specified systems as requested by the Manager, Infrastructure
- Reviews terms of service to ensure software and SaaS meet federal, state and local requirements
- Performs other related duties as assigned

Qualifications:

- Bachelor's degree in Computer Science, or related field, or equivalent experience
- At least 7 years of experience in information security or related field
- At least 7 years of experience with computer network penetration testing and techniques
- At least 7 years of experience working with firewalls, proxies, antivirus, security software, and anti-malware
- At least 7 years working with security information and event management (SIEM) and using SIEM software, appliances, or managed services
- Ability to identify and mitigate network vulnerabilities and explain how to avoid them
- Understanding of patch management with the ability to deploy patches in a timely manner while understanding business impact
- Knowledge of Intrusion Detection and Prevention Systems (IDPS) and experience with network security appliances that monitor network and system activities and detect possible intrusions
- Experience in the installation, setup, and maintenance of servers
- Experience with VMware and virtual server environments preferred
- Experienced in installing security software and documenting security issues
- Excellent written and oral communication skills