

Position Title: Solutions Security & Network Engineer

Position Location: Santa Clara, CA USA

Relocation: Not Available

PDF Solutions, Inc. (NASDAQ: PDFS) is a leading provider of yield improvement technologies, services, systems and analytics for the IC manufacturing process life cycle. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan.

Position Summary: PDF is seeking an experienced [Solutions Network Security Engineer](#) to join the R&D team, who is for using innovative approaches and public cloud infrastructure to enhance and adapt the design and architecture of the Big Data Analytics software to the SaaS platform. The Engineer directly contributes to the implementation of the core cloud services and deploys automation and provides continuous maintenance and upgrades of PDF Solutions' SaaS platform.

Qualifications and Skills

- Participate in building customer environment on the Cloud
- Responsible for developing cloud security strategies, and monitoring.
- Manage and maintain security systems and software, including SIEM, firewalls, intrusion detection systems, and anti-malware software.
- Manage security problem tickets. Log and monitor security events
- Participate in the architecture and deployment of network solutions in a single and multi-tenant cloud environment
- Configuration and implementation of the network firewalls and security lists.
- Proactively ensure the highest levels of systems and infrastructure availability;
- Participate in the continuous efforts to improve the design and architecture of our Cloud offering
- Make recommendations to help improve our security posture.
- Setup and maintain various services and support tools, primarily on AWS, but also other cloud providers;
- Automating security solutions leveraging tools available in cloud platform

Qualifications and Skills

- Master's degree or higher in Computer Science, Computer Engineering, Electrical or Computer Engineering or equivalent discipline with industrial experience in software development

Cloud Security Network Engineer

- 5 4+ years of experience with network and security planning, design, and implementation including firewall setup and configuration.
- Experience in cloud security and monitoring tools (Cloudwatch, LogRhythm, etc)
- Demonstrated ability to generate and maintain technical documentation;
- Prior exposure to some programming language: Python, Perl, Java;
- Solid knowledge of Shell Scripting and command line management;
- Experience with Network topologies, VPCs, Security Groups & ACLs
- Experience with IAM, SAML, and SSO implementations
- Experience with common backend analytics solutions (SIEM, Malware Detonation/Analysis, Machine Learning Systems, Insider Threat Solutions)
- Strong communication skills and the ability to work across engineering teams
- Comfortable with fast-paced, iterative, agile design cycles