

Senior Cloud (Azure) Infrastructure Engineer

Location	Beltsville, MD
Security Clearance	Active Secret to start
Experience	8+ years
Education	BS or MS Degree
Certifications	N/A
Duties	<p>Project Overview:</p> <p>We are looking for a Senior Cloud (Azure) Infrastructure Engineer to work closely with the Cloud Security Engineering and Operations teams supporting the design and implementation of cloud security monitoring capabilities and dedicated cloud hosted security analytics infrastructure. The ideal candidate will have proven experience in designing and building cloud infrastructure and systems to include experience with the migration and deployment of applications from on-prem to a cloud hosted solution.</p> <p>A key portion of the job will include the on-site training of our Operations team to support operationalizing the function of monitoring and management of cloud hosted infrastructure and systems.</p> <p>The candidate will work on a team supporting the program leading efforts to maintain and sustain on-prem infrastructure services, data center subsystems, and associated hosting systems</p> <p>Daily Responsibilities:</p> <ul style="list-style-type: none">• Serve as technical lead on assigned projects and interface directly with customers during requirements gather, system design, and implementation.• Support the design and implementation of a cloud security services strategy for monitoring the IaaS, PaaS, and SaaS solutions for customers across multiple cloud environments and offerings (Azure, AWS, Google Cloud, etc...)• Work within a team and lead cloud based engineering efforts supporting the deployment of security monitoring capabilities and hosted infrastructure management.• Attend cloud based strategy and steering meetings. Provide technical expertise to support continued adoption and implementation of cloud security principals. Support new cloud customers with the integration and adoption of customer security services.• Support the architecture, design, deployment, and migration of the customers on-prem business applications to the Cloud (Azure, AWS).• Delivery of Cloud infrastructure strategies aligned with business objectives• Interpret and provide solutions on complex technologies/architectures.• Create automated approaches and scripts for system administration tasks where possible and appropriate.• Develop clear, concise installation, configuration procedures, and runbooks to contribute to the maintenance of operational standards.• Provide advanced systems and intermediate network support as requested as part of troubleshooting analysis.• Provide technical expertise with infrastructure migration methodologies• Mentor existing staff on cloud computing best practices and technology• Support on-prem hosted infrastructure with activities related to capacity planning, maintaining, and sustainment• Work hours are 8:00am – 5:00pm, Days Mon. – Fri. in Beltsville, MD.

Qualifications

Required: Basic Requirements

- Design and deliver secure cloud solutions in Azure
- Strong background in Windows Server and Microsoft based applications.
- Experience with network devices and boundary protections (Ex: Cisco Switching, Firewalls)
- Networking experience and an understanding of network protocols, DNS, VPN, and load balancing
- Proven experience working with infrastructure as Code
- Demonstrated scripting experience preferably with PowerShell.
- Support capacity planning and cost assessment reports based on expected usage
- Applied systems engineering experience working with design principles and Windows server applications
- Installing, configuring, and hardening Windows systems (Windows 2012, 2016)
- Knowledge and implementation of Federal security baselines.
- Familiarity with Virtualization and Containers
- Ability to document in depth information regarding system security baselines, configurations, deviations, and justifications for security recommendations.