



LONE STAR TECH

Job Posting

Senior AWS Architect

Security Clearance

Expires: 04/20/2026

Role: AWS Senior Cloud Engineer

Utilization: Full-time

Requirements: Security Clearance

Position Overview:

The Platform, Security, and IaC Engineer is responsible for deploying, securing, and maintaining application workloads within an AWS GovCloud IL5 environment. This role combines system operations, security hardening, and infrastructure coordination to ensure systems are functional, compliant, and aligned with enterprise standards. The engineer works within a controlled environment where infrastructure and IAM are managed by an external provider and is responsible for configuring systems, applying security requirements, and coordinating changes.

Key Responsibilities:

- Platform Deployment and Operations
 - Build and configure systems using Amazon EC2 and Amazon EMR
 - Install and maintain enterprise platforms such as Informatica DEI, AXON, and EDC
 - Configure and support AWS services including Amazon S3, Amazon RDS, Amazon Redshift, AWS Glue, AWS Lambda, Amazon Kinesis, and Amazon Firehose
 - Maintain system performance, availability, and stability
- Security Implementation and Compliance
 - Apply DISA STIG requirements to operating systems and applications
 - Perform vulnerability remediation based on scan results and security findings
 - Validate secure configurations including encryption, access controls, and logging
 - Ensure systems meet required security standards and compliance expectations
- Infrastructure as Code Alignment and Coordination
 - Work with existing infrastructure templates and standards provided by Parsons
 - Submit and coordinate requests for IAM roles, policies, and infrastructure changes
 - Validate that deployed systems align with approved configurations and standards
 - Identify and resolve configuration drift and deployment issues
- Troubleshooting and Issue Resolution
 - Diagnose and resolve system, application, and connectivity issues
 - Address deployment failures and configuration problems

- Ensure systems remain operational within a restricted environment
- Documentation and Operational Support
 - Maintain system configurations, build documentation, and operational runbooks
 - Track changes, fixes, and system updates
 - Support ongoing operations and knowledge transfer

Required Qualifications:

- Experience in cloud engineering, systems engineering, or platform operations
- Strong experience with Linux or Windows system administration
- Experience with AWS services including EC2, EMR, S3, RDS, and Redshift
- Experience working in secure or restricted environments
- Strong troubleshooting and problem-solving skills

Recommended Certifications:

- DoD 8570 or 8140 IAT Level II such as Security+ CE, CySA+, GSEC, or SSCP
- At least one certification such as AWS Certified Solutions Architect Associate, AWS Certified SysOps Administrator, or equivalent system certification

Preferred Qualifications:

- Experience with Informatica DEI, AXON, or EDC
- Familiarity with security hardening or compliance requirements
- Experience with scripting such as Bash or Python

Work Environment:

- AWS GovCloud IL5 environment
 - Limited internet access
 - Dependency on Parsons for IAM and infrastructure changes
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