DevSecOps Planning and Implementation

Aligning Speed, Security, and Compliance in Modern Development

1. Executive Summary

DevSecOps represents the convergence of development, security, and operations to create a continuous, secure, and efficient software delivery pipeline. At Data Center Assistance Group, LLC (DCAG), we guide organizations in planning and implementing DevSecOps strategies that integrate security from the outset—'Secure by Design'—while supporting speed, compliance, and production stability. Our approach accelerates digital transformation while reducing vulnerabilities, operational inefficiencies, and compliance gaps.

2. Business Challenge

Organizations attempting DevSecOps often face:
- Fragmented pipelines and toolchains lacking cohesive governance
- Security reviews performed too late in the lifecycle
- Vulnerability backlogs and inconsistent remediation cycles
- Incomplete adoption of automation for testing and compliance
- Cultural resistance between Dev, Sec, and Ops teams

3. Our Solution

DCAG provides end-to-end DevSecOps strategy and implementation services. We align your development processes with regulatory mandates, security controls, and business goals—using structured rollouts and automation to enable rapid, safe software delivery.

Our services include:
- DevSecOps Roadmap Planning and Readiness Assessments
- Secure SDLC and pipeline architecture design
- Integration of Static, Dynamic, and Software Composition Analysis (SAST, DAST, SCA)
- SBOM, RBOM, and AIBOM generation and vulnerability control
- Compliance automation aligned to EO 14028, OMB M-22-18, SEC Rule 2023-139, and CMMC
- Secure Infrastructure-as-Code and Observability-as-Code support

4. Key Service Components

- ✅ DevSecOps Planning and Strategy Workshops

- ✅ Secure Software Development Lifecycle (SDLC) Design
- ✅ CI/CD Pipeline Hardening and Policy Controls
- ✅ Automated Testing Integration (SAST, DAST, IAST, SCA)
- ✅ SBOM / RBOM Integration and Vulnerability Management
- ✅ Compliance Mapping and Control Automation
- ✅ Secure IaC, OaC, and Continuous Monitoring
- ✅ Executive Briefings, Training, and Developer Enablement

5. Outcomes & Business Value

Organizations working with DCAG realize:

- Faster, Safer Deployments
- Improved Security Posture
- Reduced Mean Time to Remediate (MTTR)
- Audit-Ready Development
- Cultural Alignment

6. Engagement Approach

DCAG offers scalable DevSecOps engagements based on your maturity and goals:

Engagement Type	Description	Suitable For
DevSecOps Assessment	Baseline review of pipeline, controls, and automation gaps	Initial adopters and regulated entities
Roadmap and Framework Design	Architecture of DevSecOps models aligned to compliance	Enterprises seeking structured transformation
Full Implementation Support	Hands-on pipeline configuration, security integration, and documentation	Teams needing expert-led execution
Coaching & Training Programs	Team enablement for long-term success	Dev, Sec, and Ops functions seeking synergy

7. Ready to Secure Your Pipeline?

DCAG's proven frameworks and expertise accelerate DevSecOps implementation while ensuring security, compliance, and business agility. Let's align your code, people, and pipelines with a future-ready strategy.

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