Cloud Security Architecture Assessment for AWS

The First Step to a Secure Digital Transformation

The irrefutable benefits of cloud computing are gaining the attention of companies across industries. Cloud adoption is no longer a question of when, but how. Businesses are scrambling to define the steps necessary to safely migrate their assets to the cloud, but security remains the number one challenge. The issues of assessing current technology and workloads for cloud compatibility, taking an inventory of all sanctioned and unsanctioned applications and orchestrating an enterprise-wide cyber security effort to eliminate siloes in the organization only add to the challenge.

The Cloud Security Architecture Assessment (CSAA) is based on the following security domains:

- Architecture
- Identity Access Management
- Data
- Visibility
- Governance, Risk and Compliance
- Threat Protection
- Application Security
- Incident Response
- Business Resilience
- Legal & Privacy

Establishing a minimum set of baseline controls in your cloud environment will give you a solid foundation to develop a mature cloud security program. The Optiv CSAA facilitates a forum between your key stakeholders and our industry experts to identify existing challenges, define business goals, maturity level and outcomes and build an actionable roadmap to enable program success. Through our assessment of your current environment and needs, we gather intelligence that gives you additional information to make informed decisions of what you need to accomplish over the short and long term. By applying a holistic approach that accounts for security across the stack and harmonizing siloes in the organization, we create the efficiency and agility necessary for you to proactively secure and operationalize your business.

How Do We Do It?

PRIOR TO THE ENGAGEMENT:
Optiv consultants provide an in-depth cloud security questionnaire tailored to each engagement as well as a list of functional areas to be interviewed during the assessment.

ONSITE ACTIVITIES:
Optiv performs deep discovery through stakeholder meetings and data collection focusing on business drivers, priorities and key technical and security requirements. Our architects evaluate your current technology environment and conduct a gap analysis of your existing cloud security implementation. Our typical program includes collaborative whiteboard sessions, review of existing resources and processes, and an automated compliance and visibility scan.

CLOUD SECURITY ARCHITECTURE ASSESSMENT (CSAA):
The Optiv team reviews the results of the onsite discovery and performs a post-engagement gap analysis. We leverage our vast database of critical controls that are regularly updated to assess both the hygiene of the platform and the maturity of the security efforts around cloud to quickly bring clarity and visibility to the enterprise security team.

BEYOND CSAA:
To help realize the roadmap produced from the engagement, you have the option to continue to leverage our capabilities and subject matter experts on staff. As an advisor and architect, we will activate and guide the recommended cloud security program on your behalf through implementation of our secure cloud reference architecture and deployment of the correct technology needed.

Benefits of Working with Optiv

Become Proactive: Change your security model from reactive to proactive by collaborating across IT, information security and application development organizations that are traditionally in silo, and address any outstanding problems that are bogging you down.

Optimize Cloud Security Program: Consolidate project requirements, technologies and resources across all cloud business initiatives and projects. Leverage existing infrastructure to support old and new technologies.

Elevate Strategic Importance: Align cloud initiatives with strategic business drivers, enlist executive level sponsorship and integrate with existing governance and compliance programs.

Improve Security and Business Agility: Rapidly bring workloads into a more enterprise security aligned posture by utilizing our enterprise security aligned recommendations and detailed remediation plans.

CLOUD SECURITY PROGRAM LIFECYCLE
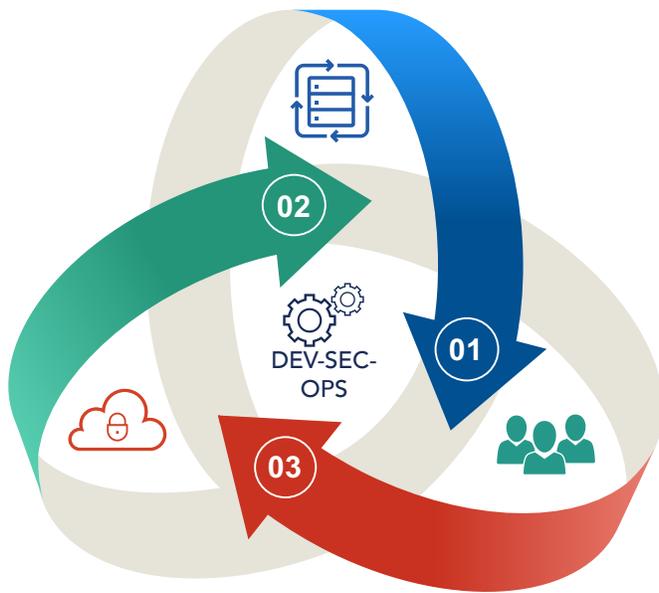
01 STRATEGY ASSESSMENT AND DESIGN

02 SECURE REFERENCE ARCHITECTURE AND BUILD

03 VALIDATION AND ASSESSMENT

The Optiv Advantage

Optiv can help businesses in every industry connect information security policies, procedures and practices with business goals. Our security leadership experts, backed by our team of consultants, can provide the experience you need to take your program to the next level.

Expert Minds

Optiv's security professionals are dedicated to helping you achieve results and realize value. Our team of 1,000+ highly skilled client managers and security practitioners work hard to deliver superior results and cutting-edge research to solve your complex, real-world security problems.

Leading Best Practices

Our knowledge of leading best practices helps Optiv formulate security recommendations tailored to meet your specific business objectives.

Client-First Culture

Optiv's passion for security and our commitment to quality results means we focus on the right solutions to meet your specific needs.

Proven Methodologies

Optiv has developed proven methodologies to help ensure superior outcomes for your projects and programs.