UNRIVALED CLOUD EXPERTISE - SECURITY PARTNER TO MICROSOFT & AMAZON

Security Innovation has conducted ongoing assessments on **Windows Azure** and **Amazon Web Services (AWS)** for years, helping secure their platforms, components, and the applications that run on them. We leverage this expertise to train teams on how to code defensively for cloud threats, identify application and system level vulnerabilities, and ensure secure cloud operations.

COMPUTER-BASED TRAINING

Our Cloud Curriculum provides developers with an understanding of the cloud threats and covers "Big Data," service and deployment models, AWS/Azure-specific secure coding best practices.

Comprising 100+ courses, our eLearning library provides coverage for all major roles, technologies and platforms.   Cloud-specific courses include:

- Fundamentals of Secure Cloud Development
- Creating Secure Code - AWS Foundations
- Creating Secure Code - Azure Foundations
- Creating Secure Code - Web API Foundations

CLOUD SECURITY SERVICES

CLOUD APPLICATION SECURITY ASSESSMENT

This technical assessment analyzes data management/encryption, service configurations, authentication and authorization components, and ways to attack network and storage models.

CLOUD & VIRTUALIZATION MIGRATION PLANNING
We can help you understand cloud adoption risks and recommend steps to for secure migration including establishing criteria for different classes of data and defining deployment standards.

AWS/AZURE CONFIGURATION REVIEW

This review analyzes the cloud components you've chosen and how they have been implemented in your unique configuration to ensure each component is used properly, efficiently, and securely.

CLOUD
CENTER OF EXCELLENCE
Staying Ahead of the Threatscape

Our Cloud Center of Excellence conducts ongoing research on cloud technologies. This yields continual development of specialized tools and expertise that enable our teams to conduct precision assessments and share best practices including our Windows Azure Security Notes, which was co-authored with Microsoft.

We have tested B2B, B2C, supply chain, and internal cloud-based applications for organizations such as Sony, HP, Symantec, Kronos, and others.
Sample engagements include:

- Security requirements and design review for mission-critical application migration to the cloud
- Software security assessments of cloud API gateways, middleware, multi-national infrastructure deployment, data backup systems, and consumer cloud printing services
- Cloud application deployment review for IoT web services