



RISK ASSOCIATES



# PCI DSS WORKSHOP

## APPLICATION SECURITY AND ITS GOVERNANCE UNDER PCI DSS FOR BANKS & PSPS

MAY 13 & 14, 2026 | MOVENPICK HOTEL, KARACHI



### WORKSHOP OVERVIEW

This program equips financial institutions with the knowledge to govern and secure payment applications in line with PCI DSS v4.0.1 (6.2.2), the Payment Card Security Framework, and State Bank of Pakistan regulatory expectations. It focuses on embedding application security controls across the secure SDLC, from design and development to testing and production. The training emphasizes governance, risk accountability, and regulatory oversight for payment applications. Participants gain practical insight into meeting payment brand expectations while maintaining audit readiness in regulated environments.

### WHO SHOULD ATTEND

This program is intended for teams and professionals responsible for ensuring that payment applications comply with PCI DSS, Payment Card Security Frameworks, and State Bank of Pakistan regulatory expectations.

- Application Security and Product Security teams securing payment applications
- Software Development, DevOps, and Secure SDLC teams implementing secure coding and deployment practices
- Information Security and Cybersecurity teams overseeing PCI DSS and payment brand controls
- Governance, Risk, and Compliance (GRC) teams managing regulatory alignment and SBP compliance
- IT Risk and Technology Risk owners for payment systems and platforms
- Internal Audit teams conducting PCI DSS, SBP, and payment brand reviews
- Engineering managers, product owners, and technology leads responsible for application security governance

### TRAINERS



**REHAN ALI**

Manager Offensive Security  
(CISSP | OSCP | CRTO | CRTP |  
CARTP | ISO27001 LA | CEH)



**RAHEEL IQBAL**

Director Cyber Security  
(CISM | CRISC | CEH)



**M. HASSAM ARIF**

Lead Penetration Tester  
(OSCP | eCPPT | CRTP | CEH | CAP)



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## TRAINING DAY 01: APPLICATION SECURITY

FOCUS: APPLICATION SECURITY CONCEPTS,  
OWASP, SECURE CODING, TESTING

### TOPICS;

- OWASP for Secure Software Development
- OWASP Top 10 with mitigation strategies
- How to Write Secure Code
- Best Practices for Secure Development
- Secure Application Design
- Secure Application Design & Architecture
- SEI Secure Coding Standard Overview
- Test Cases based on Security
- Test Cases and Security Validation
- Application Security Testing
- Application Security Benchmarking
- Automated Tools for Testing Code Repository

## TRAINING DAY 02: SECURE SDLC

FOCUS: SDLC PROCESS, SECURITY REQUIREMENTS,  
CODE REVIEW, DEPLOYMENT & MAINTENANCE

### TOPICS;

- Secure SDLC
- Security in the Requirement Gathering Phase
- Secure SDLC Frameworks
- Secure Code Review Methodology, Tools & Checklist
- Secure Deployment & Maintenance



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