

## Cloud Audit Academy - PCI DSS on AWS Workshop Syllabus

## High level expectations of the workshop:

- The workshop focuses on knowledge sharing.
- The workshop is AWS specific and based on the 12 PCI DSS requirements.
- The workshop will not dive deep on assessment scoping.
- The workshop focuses on AWS based tools and process when operating PCI workloads in AWS.
- The examples discussed in this workshop are illustrative, not exhaustive.

**Learning Objectives:** This workshop is intended to help you, the auditors and assessors, to review the implementation and operating effectiveness of the controls that our customers put in place using AWS based services and tools. To do so, the course will help:

- 1. Recognize AWS services that can be used to implement PCI DSS requirements.
- 2. <u>Identify</u> configurations and/or evidence within AWS-based tools and services corresponding to requirements within PCI DSS.
- 3. Familiarize with AWS based tools that can assist in PCI DSS assessment evidence collection.
- 4. <u>Verify</u> and <u>validate</u> how those configurations and/or evidence apply to requirements within PCI DSS.

## **Overall Modules and Breakdowns:**

- Introduction to Cloud Audit Academy PCI DSS on AWS
- Goal 1: Build and Maintain a Secure Network and Systems (Requirement 1 and 2)
- Goal 2: Protect Cardholder Data (Requirement 3 and 4)
- Goal 3: Maintain a Vulnerability Management Program (Requirement 5 and 6)
- Goal 4: Implement Strong Access Control Measures (Requirement 7, 8, and 9)
- Goal 5: Regularly Monitor and Test Networks (Requirement 10 and 11)
- Goal 6: Maintain an Information Security Policy (Requirement 12)
- Managing your PCI DSS assessments in AWS

For each of the modules on PCI DSS requirements, the course will cover:

- Requirement overview and AWS service coverage
- List of PCI DSS sub-requirements that may be impacted within an AWS environment
- Details on the above sub-requirements and testing procedures, including
  - How the control works in AWS
  - What evidence to expect from the control
  - Where and how to look for evidence
- Additional recommendations and important information regarding sub-requirements