Database Access & Configuration Policy

Overview

In accordance with the Payment Card Industry Data Security Standards (PCI DSS) requirements, The Office of Information Security has established a formal policy and supporting procedures concerning database access & configuration settings. This policy is to be implemented immediately. It will be evaluated on an annual basis to ensure its adequacy and relevance.

Policy

The Office of Information Security will ensure that the Database Access & Configuration settings policy adheres to the following conditions for purposes of complying with the Payment Card Industry Data Security Standards (PCI DSS) initiatives (PCI DSS Requirements and Security Assessment Procedures):

- Appropriately configure, examine, and confirm system settings and all necessary configurations for system components to ensure that all users are authenticated prior to access.
- Appropriately configure, examine, and confirm system settings and all necessary configurations for system components to ensure that all user access, user queries, and user actions on (for example, move, copy, delete), the database is through programmatic methods only (for example, through stored procedures).
- Appropriately configure, examine, and confirm system settings and all necessary configurations for system components to ensure that user direct access to or queries of databases are restricted to database administrators.
- Appropriately configure, examine, and confirm system settings and all necessary configurations for system components to ensure that application IDs can only be used by the application (and not by individual users or other processes).

Responsibility for Policy Maintenance

The Office of Information Security is responsible for ensuring that the aforementioned policy is kept current as needed for purposes of compliance with the Payment Card Industry Data Security Standards (PCI DSS) initiatives.

Revision History

February 8, 2019 (Policy Created)

July 15, 2019 (Policy Modified)

Adapted from Stanford University's PCI DSS Policies 1-2019