

# Payment Card Industry Data Security Standard

# **Self-Assessment Questionnaire C and Attestation of Compliance**

For use with PCI DSS Version 4.0

Publication Date: April 2022



# **Document Changes**

| Date             | PCI DSS<br>Version | SAQ<br>Revision | Description  |
|------------------|--------------------|-----------------|--|
| October<br>2008  | 1.2                |                 | To align content with new PCI DSS v1.2 and to implement minor changes noted since original v1.1.   |
| October<br>2010  | 2.0                |                 | To align content with new PCI DSS v2.0 requirements and testing procedures.  |
| February<br>2014 | 3.0                |                 | To align content with PCI DSS v3.0 requirements and testing procedures and incorporate additional response options.  |
| April 2015       | 3.1                |                 | Updated to align with PCI DSS v3.1. For details of PCI DSS changes, see PCI DSS – Summary of Changes from PCI DSS Version 3.0 to 3.1.  |
| July 2015        | 3.1                | 1.1             | Updated to remove references to "best practices" prior to June 30, 2015.   |
| April 2016       | 3.2                | 1.0             | Updated to align with PCI DSS v3.2. For details of PCI DSS changes, see <i>PCI DSS – Summary of Changes from PCI DSS Version 3.1 to 3.2.</i> Requirements added from PCI DSS v3.2 Requirements 8, 9, and Appendix A2.    |
| January<br>2017  | 3.2                | 1.1             | Updated Document Changes to clarify requirements added in the April 2016 update.  Added footnote to Before You Begin section to clarify intent of permitted systems.  Checkboxes fixed in Requirements 8.1.6 and 11.3.4. |
| June 2018        | 3.2.1              | 1.0             | Updated to align with PCI DSS v3.2.1. For details of PCI DSS changes, see PCI DSS – Summary of Changes from PCI DSS Version 3.2 to 3.2.1.  |
|                  |                    |                 | Updated to align with PCI DSS v4.0. For details of PCI DSS changes, see PCI DSS – Summary of Changes from PCI DSS Version 3.2.1 to 4.0.  |
| April 2022       | 4.0                |                 | Rearranged, retitled, and expanded information in the "Completing the Self-Assessment Questionnaire" section (previously titled "Before You Begin").   |
| , ipiii 2022     | 1.0                |                 | Aligned content in Sections 1 and 3 of Attestation of Compliance (AOC) with PCI DSS v4.0 Report on Compliance AOC.   |
|                  |                    |                 | Added PCI DSS v4.0 requirements.  Added appendices to support new reporting responses.   |



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### **Completing the Self-Assessment Questionnaire**

#### Merchant Eligibility Criteria for Self-Assessment Questionnaire C

Self-Assessment Questionnaire (SAQ) C includes only those PCI DSS requirements applicable to merchants with payment application systems (for example, point-of-sale systems) connected to the Internet, and that do not store electronic account data.

SAQ C merchants process account data via a point-of-sale (POS) system or other payment application systems connected to the Internet, do not store account data on any computer system, and may be either brick-and-mortar (card-present) or mail/telephone-order (card-not-present) merchants.

This SAQ is not applicable to e-commerce channels.

This SAQ is not applicable to service providers.

SAQ C merchants confirm that, for this payment channel:

- The merchant has a payment application system and an Internet connection on the same device and/or same local area network (LAN);
- The payment application system is not connected to any other systems within the merchant environment (this can be achieved via network segmentation to isolate payment application system/Internet device from all other systems);
- The physical location of the POS environment is not connected to other premises or locations, and any LAN is for a single store only;
- The merchant does not store account data in electronic format, and
- Any account data the merchant might retain is on paper (for example, printed reports or receipts), and these documents are not received electronically.

This SAQ includes only those requirements that apply to a specific type of merchant environment, as defined in the above eligibility criteria. If there are PCI DSS requirements applicable to the cardholder data environment that are not covered in this SAQ, it may be an indication that this SAQ is not suitable for the merchant's environment.



#### Defining Account Data, Cardholder Data, and Sensitive Authentication Data

PCI DSS is intended for all entities that store, process, or transmit cardholder data (CHD) and/or sensitive authentication data (SAD) or could impact the security of the cardholder data environment (CDE). Cardholder data and sensitive authentication data are considered account data and are defined as follows:

| Account Data                 |  |  |  |
|------------------------------|--|--|--|
| Cardholder Data includes:    | Sensitive Authentication Data includes:                        |  |  |
| Primary Account Number (PAN) | Full track data (magnetic-stripe data or equivalent on a chip) |  |  |
| Cardholder Name              | Card verification code   |  |  |
| Expiration Date              | PINs/PIN blocks  |  |  |
| Service Code                 |  |  |  |

Refer to PCI DSS Section 2, PCI DSS Applicability Information, for further details.

#### **PCI DSS Self-Assessment Completion Steps**

- 1. Confirm by review of the eligibility criteria in this SAQ and the *Self-Assessment Questionnaire Instructions* and *Guidelines* document on the PCI SSC website that this is the correct SAQ for the merchant's environment.
- 2. Confirm that the merchant environment is properly scoped.
- 3. Assess the environment for compliance with PCI DSS requirements.
- 4. Complete all sections of this document:
  - Section 1: Assessment Information (Parts 1 & 2 of the Attestation of Compliance (AOC) Contact Information and Executive Summary).
  - Section 2: Self-Assessment Questionnaire C.
  - Section 3: Validation and Attestation Details (Parts 3 & 4 of the AOC PCI DSS Validation and Action Plan for Non-Compliant Requirements (if Part 4 is applicable)).
- 5. Submit the SAQ and AOC, along with any other requested documentation—such as ASV scan reports—to the requesting organization (those organizations that manage compliance programs such as payment brands and acquirers).

#### **Expected Testing**

The instructions provided in the "Expected Testing" column are based on the testing procedures in PCI DSS and provide a high-level description of the types of testing activities that a merchant is expected to perform to verify that a requirement has been met.

The intent behind each testing method is described as follows:

- Examine: The merchant critically evaluates data evidence. Common examples include documents (electronic or physical), screenshots, configuration files, audit logs, and data files.
- Observe: The merchant watches an action or views something in the environment. Examples of
  observation subjects include personnel performing a task or process, system components performing a
  function or responding to input, environmental conditions, and physical controls.



• Interview: The merchant converses with individual personnel. Interview objectives may include confirmation of whether an activity is performed, descriptions of how an activity is performed, and whether personnel have particular knowledge or understanding.

The testing methods are intended to allow the merchant to demonstrate how it has met a requirement. The specific items to be examined or observed and personnel to be interviewed should be appropriate for both the requirement being assessed and the merchant's particular implementation.

Full details of testing procedures for each requirement can be found in PCI DSS.

#### **Requirement Responses**

For each requirement item, there is a choice of responses to indicate the entity's status regarding that requirement. *Only one response should be selected for each requirement item.* 

A description of the meaning for each response and when to use each response is provided in the table below:

| Response  | When to use this response:  |
|---|---|
| In Place  | The expected testing has been performed, and all elements of the requirement have been met as stated.   |
| In Place with CCW (Compensating Controls Worksheet) | The expected testing has been performed, and the requirement has been met with the assistance of a compensating control.  All responses in this column require completion of a Compensating Controls Worksheet (CCW) in Appendix B of this SAQ.  Information on the use of compensating controls and guidance on how to complete the worksheet is provided in PCI DSS in Appendices B and C.  |
| In Place with Remediation                           | The requirement was Not in Place when the expected testing was initially performed, but the merchant addressed the situation and put processes in place to prevent re-occurrence prior to completion of the self-assessment. In all cases of In Place with Remediation, the merchanthas identified and addressed the reason the control failed, has implemented the control, and has implemented ongoing processes to prevent re-occurrence of the control failure.  All responses in this column require a supporting explanation in Appendix C of this SAQ. |
| Not Applicable                                      | The requirement does not apply to the entity's environment. (See "Guidance for Not Applicable Requirements" below for examples.) All responses in this column require a supporting explanation in Appendix D of this SAQ.   |
| Not Tested  | This response is not applicable to, and not included as an option for, this SAQ.  This SAQ was created for a specific type of environment based on how the merchantstores, processes, and/or transmits account data and defines the specific PCI DSS requirements that apply for this environment. Consequently, all requirements in this SAQ must be tested.   |
| Not in Place  | Some or all elements of the requirement have not been met, or are in the process of being implemented, or require further testing before the merchant can confirm they are in place. Responses in this column may require the completion of Part 4, if requested by the entity to which this SAQ will be submitted.  This response is also used if a requirement cannot be met due to a legal restriction. (See "Legal Exception" below for more guidance).   |



#### **Guidance for Not Applicable Requirements**

If any requirements do not apply to the entity's environment, select the Not Applicable option for that specific requirement. For example, in this SAQ, requirements for securing all media with cardholder data (Requirements 9.4.1 - 9.4.6) only apply if an merchantstores paper media with cardholder data; if paper media is not stored, the merchantcan select Not Applicable for those requirements.

For each response where Not Applicable is selected in this SAQ, complete *Appendix D: Explanation of Requirements Noted as Not Applicable*.

#### Legal Exception

If your organization is subject to a legal restriction that prevents the organization from meeting a PCI DSS requirement, select Not in Place for that requirement and complete the relevant attestation in Section 3, Part 3 of this SAQ.

**Note:** A legal restriction is one where meeting the PCI DSS requirement would violate a local or regional law or regulation.

Contractual obligations or legal advice are not legal restrictions.

#### Use of the Customized Approach

SAQs cannot be used to document use of the Customized Approach to meet PCI DSS requirements. For this reason, the Customized Approach Objectives are not included in SAQs. Entities wishing to validate using the Customized Approach may be able to use the PCI DSS Report on Compliance (ROC) Template to document the results of their assessment.

Use of the Customized Approach is not supported in SAQs.

The use of the customized approach may be regulated by organizations that manage compliance programs, such as payment brands and acquirers. Questions about use of a customized approach should always be referred to those organizations. This includes whether an entity that is eligible for an SAQ may instead complete a ROC to use a customized approach, and whether an entity is required to use a QSA, or may use an ISA, to complete an assessment using the customized approach. Information about the use of the Customized Approach can be found in Appendix D and E of PCI DSS.



#### **Additional PCI SSC Resources**

Additional resources that provide guidance on PCI DSS requirements and how to complete the self-assessment questionnaire have been provided below to assist with the assessment process.

| Resource   | Includes:   |
|--|---|
| PCI Data Security Standard Requirements and Testing Procedures (PCI DSS) | <ul> <li>Guidance on Scoping</li> <li>Guidance on the intent of all PCI DSS Requirements</li> <li>Details of testing procedures</li> <li>Guidance on Compensating Controls</li> <li>Appendix G: Glossary of Terms, Abbreviations, and Acronyms</li> </ul>   |
| SAQ Instructions and Guidelines  | <ul> <li>Information about all SAQs and their eligibility criteria</li> <li>How to determine which SAQ is right for your organization</li> </ul>  |
| Frequently Asked Questions (FAQs)  | Guidance and information about SAQs.  |
| Online PCI DSS Glossary  | PCI DSS Terms, Abbreviations, and Acronyms  |
| Information Supplements and Guidelines                                   | <ul> <li>Guidance on a variety of PCI DSS topics including:         <ul> <li>Understanding PCI DSS Scoping and Network Segmentation</li> <li>Third-Party Security Assurance</li> <li>Multi-Factor Authentication Guidance</li> <li>Best Practices for Maintaining PCI DSS Compliance</li> </ul> </li> </ul> |
| Getting Started with PCI   | <ul> <li>Resources for smaller merchants including:         <ul> <li>Guide to Safe Payments</li> <li>Common Payment Systems</li> <li>Questions to Ask Your Vendors</li> <li>Glossary of Payment and Information Security Terms</li> <li>PCI Firewall Basics</li> </ul> </li> </ul>                          |

These and other resources can be found on the PCI SSC website (www.pcisecuritystandards.org).

Organizations are encouraged to review PCI DSS and other supporting documents before beginning an assessment.



#### **Section 1: Assessment Information**

#### Instructions for Submission

This document must be completed as a declaration of the results of the merchant's self-assessment against the *Payment Card Industry Data Security Standard (PCI DSS) Requirements and Testing Procedures.* Complete all sections. The merchant is responsible for ensuring that each section is completed by the relevant parties, as applicable. Contact the entity(ies) to which the Attestation of Compliance (AOC) will be submitted for reporting and submission procedures.

| Part 1. Contact Informatio   | n   |
|--|---|
| Part 1a. Assessed Merchan  | t   |
| Company name:  |   |
| DBA (doing business as):   |   |
| Company mailing address:   |   |
| Company main website:  |   |
| Company contact name:  |   |
| Company contact title:   |   |
| Contact phone number:  |   |
| Contact e-mail address:  |   |
| Part 1b. Assessor  |   |
| Provide the following information given assessor type, enter Not A | for all assessors involved in the assessment. If there was no assessor for a pplicable. |
| PCI SSC Internal Security Assessor                                 | or(s)   |
| ISA name(s):   |   |
| Qualified Security Assessor  |   |
| Company name:  |   |
| Company mailing address:   |   |
| Company website:   |   |
| Lead Assessor name:  |   |
| Assessor phone number:   |   |
| Assessor e-mail address:   |   |
| Assessor certificate number:                                       |   |



| Part 2. Executive Summary  |  |   |  |  |
|--|--|---|--|--|
| Part 2a. Merchant Business Paym  | nent Channels (select all that apply):   |   |  |  |
| Indicate all payment channels used by t  | the business that are included in this assessment.   |   |  |  |
| ☐ Mail order/telephone order (MOTO) ☐ E-Commerce   |  |   |  |  |
| ☐ Card-present   |  |   |  |  |
| Are any payment channels not included in this assessment?  | Yes 🗌 No   |   |  |  |
| If yes, indicate which channel(s) is not included in the assessment and provide a brief  |  |   |  |  |
| explanation about why the channel was excluded.  |  |   |  |  |
| <b>Note:</b> If the organization has a paymen which this AOC will be submitted about   | nt channel that is not covered by this SAQ, consult with the entity(ies) to validation for the other channels. | О |  |  |
|  |  |   |  |  |
| Part 2b. Description of Role with F  | •  |   |  |  |
| stores, processes and/or transmits acco  | this assessment as selected in Part 2a above, describe how the business bunt data.                             |   |  |  |
| Channel  | How Business Stores, Processes, and/or Transmits Account Data  |   |  |  |
|  |  |   |  |  |
|  |  |   |  |  |
|  |  |   |  |  |
|  |  |   |  |  |
| Part 2c. Description of Payment C  | Card Environment   |   |  |  |
| Provide a <i>high-level</i> description of the ecovered by this assessment.  | environment  |   |  |  |
| <ul> <li>Connections into and out of the cardho<br/>environment (CDE).</li> </ul>  | older data   |   |  |  |
| Critical system components within the CDE, such as     POI devices, databases, web servers, etc., and any     other necessary payment components, as applicable. |  |   |  |  |
| <ul> <li>System components that could impact<br/>account data.</li> </ul>  |  |   |  |  |
| Indicate whether the environment includ assessment.  | des segmentation to reduce the scope of the  |   |  |  |
| Refer to "Segmentation" section of PCI DSS for guidance on segmentation.)  |  |   |  |  |



#### Part 2. Executive Summary (continued)

#### Part 2d. In-Scope Locations/Facilities

List all types of physical locations/facilities (for example, corporate offices, data centers, call centers, and mail rooms) in scope for the PCI DSS assessment.

| Facility Type  |                       | Total number of locations  How many locations of this type are in scope) | Location(s) o                                 | f facility (city, country   |
|--|-----------------------|--|---|---|
| Example: Data centers  |                       | 3  | Boston, MA, US.                               | A   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
|  |                       |  |   |   |
| Part 2e. PCI SSC Validate  | ed Products and       | Solutions  |   |   |
|  |                       |  |   | 0 - 1 - 4 40  |
| Does the merchant use any ☐ Yes ☐ No   | item identified on    | any PCI SSC Lists of Vali  | dated Products and                            | Solutions*?   |
| •  |                       |  |   |   |
| Yes No   |                       |  |   |   |
| Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or             | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | ests of Validated  Expiry date of listing   |
| Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or             | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)   |
| Yes No  Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or     | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)   |
| Yes No  Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or     | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD YYYY-MM-DD  |
| ☐ Yes ☐ No  Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD   |
| Yes No  Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or     | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD   |
| Yes No  Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or     | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD  |
| Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or             | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD YYYY-MM-DD                                |
| Provide the following inform Products and Solutions.  Name of PCI SSC-validated Product or             | version of Product or | PCI SSC Standard to which product or solution was                        | s from PCI SSC's Li PCI SSC listing reference | Expiry date of listing (YYYY-MM-DD)  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD  YYYY-MM-DD |

<sup>•</sup> For purposes of this document, "Lists of Validated Products and Solutions" means the lists of validated products, solutions, and/or components appearing on the PCI SSC website (<a href="www.pcisecuritystandards.org">www.pcisecuritystandards.org</a>)—for example, 3DS Software Development Kits, Approved PTS Devices, Validated Payment Software, Payment Applications (PA-DSS), Point to Point Encryption (P2PE) solutions, Software-Based PIN Entry on COTS (SPoC) solutions, and Contactless Payments on COTS (CPoC) solutions.



| Part 2. Executive Summary (continued)   |   |       |     |  |  |
|---|---|-------|-----|--|--|
| Part 2f. Third-Party Service Providers  |   |       |     |  |  |
| Does the merchant have relationships with one   | e or more third-party service providers that:   |       |     |  |  |
|   | • Store, process, or transmit account data on the merchant's behalf (for example, payment gateways, payment processors, payment service providers (PSPs), and off-site storage) |       |     |  |  |
| Manage system components included in the scope of the merchant's PCI DSS     assessment—for example, via network security control services, anti-malware services, security incident and event management (SIEM), contact and call centers, web-hosting services, and IaaS, PaaS, SaaS, and FaaS cloud providers. |   |       |     |  |  |
| Could impact the security of the merchant<br>via remote access, and/or bespoke software   | t's CDE (for example, vendors providing support are developers)   | ☐ Yes | □No |  |  |
| If Yes:   |   |       |     |  |  |
| Name of service provider:   | Description of service(s) provided:   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
|   |   |       |     |  |  |
| Note: Requirement 12.8 applies to all entities  | in this list.   |       |     |  |  |



#### Part 2. Executive Summary (continued)

#### Part 2g. Summary of Assessment

(SAQ Section 2 and related appendices)

Indicate below all responses that were selected for each PCI DSS requirement.

| PCI DSS         | Requirement Responses  More than one response may be selected for a given requirement.  Indicate all responses that apply. |                      |                              |                |              |  |
|-----------------|--|----------------------|------------------------------|----------------|--------------|--|
| Requirement *   | In Place   | In Place with<br>CCW | In Place with<br>Remediation | Not Applicable | Not in Place |  |
| Requirement 1:  |  |                      |                              |                |              |  |
| Requirement 2:  |  |                      |                              |                |              |  |
| Requirement 3:  |  |                      |                              |                |              |  |
| Requirement 4:  |  |                      |                              |                |              |  |
| Requirement 5:  |  |                      |                              |                |              |  |
| Requirement 6:  |  |                      |                              |                |              |  |
| Requirement 7:  |  |                      |                              |                |              |  |
| Requirement 8:  |  |                      |                              |                |              |  |
| Requirement 9:  |  |                      |                              |                |              |  |
| Requirement 10: |  |                      |                              |                |              |  |
| Requirement 11: |  |                      |                              |                |              |  |
| Requirement 12: |  |                      |                              |                |              |  |
| Appendix A2:    |  |                      |                              |                |              |  |

<sup>\*</sup> PCI DSS Requirements indicated above refer to the requirements in Section 2 of this SAQ.



#### Part 2. Executive Summary (continued)

| Part   | Part 2h. Eligibility to Complete SAQ C  |  |  |  |  |  |
|--------|---|--|--|--|--|--|
| Mercha | Merchant certifies eligibility to complete this Self-Assessment Questionnaire because, for this payment channel:  |  |  |  |  |  |
|        | The merchant has a payment application system and an Internet connection on the same device and/or same local area network (LAN).                       |  |  |  |  |  |
|        | The payment application system is not connected to any other system within the merchant environment.  |  |  |  |  |  |
|        | The physical location of the POS environment is not connected to other premises or locations, and any LAN is for a single location only.                |  |  |  |  |  |
|        | Merchant does not store account data in electronic format.  |  |  |  |  |  |
|        | Any account data the merchant might retain is on paper (for example, printed reports or receipts), and these documents are not received electronically. |  |  |  |  |  |



#### Section 2: Self-Assessment Questionnaire C

Note: The following requirements mirror the requirements in the PCI DSS Requirements and Testing Procedures document.

Self-assessment completion date: YYYY-MM-DD

#### **Build and Maintain a Secure Network and Systems**

#### Requirement 1: Install and Maintain Network Security Controls

| PCI DSS Requirement |  | Expected Testing   | Response* (Check one response for each requirement) |                      |                           |                   |              |
|---------------------|--|--|---|----------------------|---------------------------|-------------------|--------------|
|                     | . O. Boo Roquillonion  |  | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |
| <b>1.3</b> Ne       | twork access to and from the cardholder data environment is  | restricted.  |   |                      |                           |                   |              |
| 1.3.1               | <ul> <li>Inbound traffic to the CDE is restricted as follows:</li> <li>To only traffic that is necessary,</li> <li>All other traffic is specifically denied.</li> </ul>                        | Examine NSC configuration standards.     Examine NSC configurations.                           |   |                      |                           |                   |              |
| 1.3.2               | Outbound traffic from the CDE is restricted as follows:  To only traffic that is necessary.  All other traffic is specifically denied.   | <ul><li>Examine NSC configuration<br/>standards.</li><li>Examine NSC configurations.</li></ul> |   |                      |                           |                   |              |
| 1.3.3               | NSCs are installed between all wireless networks and the CDE, regardless of whether the wireless network is a CDE, such that:  | <ul><li>Examine configuration settings.</li><li>Examine network diagrams.</li></ul>            |   |                      |                           |                   |              |
|                     | <ul> <li>All wireless traffic from wireless networks into the CDE is denied by default.</li> <li>Only wireless traffic with an authorized business purpose is allowed into the CDE.</li> </ul> |  |   |                      |                           |                   |              |

<sup>♦</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



## Requirement 2: Apply Secure Configurations to All System Components

|                | PCI DSS Requirement   | Expected Testing   | Response* (Check one response for each requirement) |                      |                           |                   |              |  |  |
|----------------|---|--|---|----------------------|---------------------------|-------------------|--------------|--|--|
|                | . 6. 200 1.04   |  | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |
| <b>2.1</b> Pro | cesses and mechanisms for applying secure configura   | tions to all system components are defined   | d and ur  | nderstood.           |                           |                   |              |  |  |
| 2.1.1          | All security policies and operational procedures that are identified in Requirement 2 are:  Documented.  Kept up to date.  In use.  Known to all affected parties.  | <ul><li>Examine documentation.</li><li>Interview personnel.</li></ul>  |   |                      |                           |                   |              |  |  |
| <b>2.2</b> Sys | tem components are configured and managed securel   | у.   |   |                      |                           |                   |              |  |  |
| 2.2.1          | Configuration standards are developed, implemented and maintained to:  Cover all system components.  Address all known security vulnerabilities.  Be consistent with industry-accepted system hardening standards or vendor hardening recommendations.  Be updated as new vulnerability issues are identified, as defined in Requirement 6.3.1.  Be applied when new systems are configured and verified as in place before or immediately after a system component is connected to a production environment. | Examine system configuration standards.     Review industry-accepted hardening standards.     Examine configuration settings.     Interview personnel. |   |                      |                           |                   |              |  |  |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|       | PCI DSS Requirement  |                                 | Expected Testing   | _(          | Check one re         | Response*                 | ch requireme      | ent)            |
|-------|--|---------------------------------|--|-------------|----------------------|---------------------------|-------------------|-----------------|
|       | r or boo requirement   |                                 | Expected resting   | In<br>Place | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |
| 2.2.2 | <ul> <li>Vendor default accounts are managed as follows:</li> <li>If the vendor default account(s) will be used, the default password is changed per Requirement 8.3.6.</li> <li>If the vendor default account(s) will not be used, the account is removed or disabled.</li> </ul>   |                                 | documentation.  Observe a system administrator logging on using vendor default accounts.               |             |                      |                           |                   |                 |
|       | Applicability Notes  | ,                               |  |             |                      |                           |                   |                 |
|       | This applies to ALL vendor default accounts and pathose used by operating systems, software that prosystem accounts, point-of-sale (POS) terminals, pay Management Protocol (SNMP) defaults.  This requirement also applies where a system compenvironment, for example, software and applications accessed via a cloud subscription service.  | vides se<br>vment a<br>vonent i | ecurity services, application and applications, and Simple Network is not installed within an entity's |             |                      |                           |                   |                 |
| 2.2.3 | Primary functions requiring different security levels a managed as follows:  • Only one primary function exists on a system component,  OR  • Primary functions with differing security levels the exist on the same system component are isolated from each other,  OR  • Primary functions with differing security levels or the same system component are all secured to the level required by the function with the highest security need. | at<br>d                         | Examine system configuration standards. Examine system configurations.                                 |             |                      |                           |                   |                 |



|       | PCI DSS Requirement  | Expected Testing   | ( | Check one re         | Response*                 | ch requireme      | ent)         |
|-------|--|--|---|----------------------|---------------------------|-------------------|--------------|
|       |  |  |   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |
| 2.2.4 | Only necessary services, protocols, daemons, and functions are enabled, and all unnecessary functionality is removed or disabled.  | <ul> <li>Examine system configuration<br/>standards.</li> <li>Examine system<br/>configurations.</li> </ul>  |   |                      |                           |                   |              |
| 2.2.5 | If any insecure services, protocols, or daemons are present:  Business justification is documented.  Additional security features are documented and implemented that reduce the risk of using insecure services, protocols, or daemons. | <ul> <li>Examine configuration<br/>standards.</li> <li>Interview personnel.</li> <li>Examine configuration<br/>settings.</li> </ul>  |   |                      |                           |                   |              |
| 2.2.6 | System security parameters are configured to prevent misuse.   | <ul> <li>Examine system configuration<br/>standards.</li> <li>Interview personnel.</li> <li>Examine system<br/>configurations.</li> </ul>  |   |                      |                           |                   |              |
| 2.2.7 | All non-console administrative access is encrypted using strong cryptography.  | <ul> <li>Examine system configuration standards.</li> <li>Observe an administrator log on.</li> <li>Examine system configurations.</li> <li>Examine vendor documentation.</li> <li>Interview personnel.</li> </ul> |   |                      |                           |                   |              |
|       | Applicability Notes  |  |   |                      |                           |                   |              |
|       | This includes administrative access via browser-based programming interfaces (APIs).   | interfaces and application   |   |                      |                           |                   |              |



|                | PCI DSS Requirement  | Expected Testing  | (           | Response* (Check one response for each requirement) |                           |                   |              |  |  |  |
|----------------|--|---|-------------|---|---------------------------|-------------------|--------------|--|--|--|
|                |  | _mp   | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |  |
| <b>2.3</b> Wir | eless environments are configured and managed secu   |   |             |   |                           |                   |              |  |  |  |
| 2.3.1          | For wireless environments connected to the CDE or transmitting account data, all wireless vendor defaul are changed at installation or are confirmed to be secure, including but not limited to:  Default wireless encryption keys. Passwords on wireless access points. SNMP defaults. Any other security-related wireless vendor defaults. Applicability Notes | <ul> <li>procedures.</li> <li>Review vendor documentation.</li> <li>Examine wireless configuration settings.</li> <li>Interview personnel.</li> </ul> |             |   |                           |                   |              |  |  |  |
|                | This includes, but is not limited to, default wireless e access points, SNMP defaults, and any other securit   |   |             |   |                           |                   |              |  |  |  |
| 2.3.2          | For wireless environments connected to the CDE or transmitting account data, wireless encryption keys a changed as follows:  Whenever personnel with knowledge of the key leave the company or the role for which the knowledge was necessary.  Whenever a key is suspected of or known to be compromised.   | Examine key-management documentation.     Interview personnel.  |             |   |                           |                   |              |  |  |  |



#### **Protect Account Data**

#### Requirement 3: Protect Stored Account Data

Note: For SAQ C, Requirement 3 applies only to merchants with paper records that include account data (for example, receipts or printed reports).

| PCI DSS Requirement |  |     | Expected Testing                            | Response* (Check one response for each requirement) |                      |                           |                   |              |  |  |
|---------------------|--|-----|---|---|----------------------|---------------------------|-------------------|--------------|--|--|
|                     | r or boo requirement   |     | Expected resting                            |   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |
| <b>3.1</b> Proc     | esses and mechanisms for protecting stored account data  | are | e defined and understood.                   |   |                      |                           |                   |              |  |  |
| 3.1.1               | All security policies and operational procedures that are identified in Requirement 3 are:  Documented.  Kept up to date.  In use.  Known to all affected parties. | •   | Examine documentation. Interview personnel. |   |                      |                           |                   |              |  |  |

#### SAQ Completion Guidance:

Selection of any of the In Place responses for Requirement 3.1.1 means that, if the merchant has paper storage of account data, the merchant has policies and procedures in place that govern merchant activities for Requirement 3. This helps to ensure personnel are aware of and following security policies and documented operational procedures for managing the secure storage of any paper records with account data.

If merchant does not store paper records with account data, mark this requirement as Not Applicable and complete Appendix D: Explanation of Requirements Noted as Not Applicable.

<sup>•</sup> Refer to the "Requirement Responses" section (page v) for information about these response options



|   | DCI DSS Paguirament  | Evenoted Testing   | (           | Check one re                     | Response*                 | ch requireme      | ent)         |
|---|--|--|-------------|----------------------------------|---------------------------|-------------------|--------------|
|   | PCI DSS Requirement  | Expected Testing   | In<br>Place | In Place<br>with CCW             | In Place with Remediation | Not<br>Applicable | Not in Place |
| 3.3 Sensit                                      | tive authentication data (SAD) is not stored after authoriz  | zation.  |             |                                  |                           |                   |              |
| 3.3.1   | SAD is not retained after authorization, even if encrypted. All sensitive authentication data received is rendered unrecoverable upon completion of the authorization process.   | <ul> <li>Examine documented policies and procedures.</li> <li>Examine system configurations.</li> <li>Observe the secure data deletion processes.</li> </ul> |             |                                  |                           |                   |              |
|   | Applicability Notes  |  |             |                                  |                           |                   |              |
|   | Part of this Applicability Note was intentionally remove merchant assessments.   | d for this SAQ as it does not apply to   |             |                                  |                           |                   |              |
|   | Sensitive authentication data includes the data cited in 3.3.1.3.  | Requirements 3.3.1.2 through   |             |                                  |                           |                   |              |
| 3.3.1.2   | The card verification code is not retained upon completion of the authorization process.   | Examine data sources.  |             |                                  |                           |                   |              |
|   | Applicability Notes  |  |             |                                  |                           |                   |              |
|   | The card verification code is the three- or four-digit nur payment card used to verify card-not-present transaction  |  |             |                                  |                           |                   |              |
| Selection<br>being co<br>code (for<br>If the me | Impletion Guidance: In of any of the In Place responses for Requirement 3.3.1 and ucted, the merchant either securely destroys the paper example, by "blacking it out" with a marker) before the perchant never requests the three-digit or four-digit number nent as Not Applicable and complete Appendix D: Explan | er (for example, with a shredder) immed<br>paper is stored.<br>r printed on the front or back of a payn  | diately a   | fter the trans<br>d ("card verif | action is compi           | lete, or obsc     |              |
| 3.3.1.3   | The personal identification number (PIN) and the PIN block are not retained upon completion of the authorization process.  | Examine data sources.  |             |                                  |                           |                   |              |
|   | Applicability Notes  |  |             |                                  |                           |                   |              |
|   | PIN blocks are encrypted during the natural course of t<br>entity encrypts the PIN block again, it is still not allowed<br>the authorization process.  |  |             |                                  |                           |                   |              |



|                 | PCI DSS Requirement   |      | Expected Testing   | (           | Response* (Check one response for each requirement) |                           |                   |              |  |  |  |
|-----------------|---|------|--|-------------|---|---------------------------|-------------------|--------------|--|--|--|
|                 |   |      |  | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |  |
| <b>3.4</b> Acce | ess to displays of full PAN and ability to copy PAN is restric  | cted |  |             |   |                           |                   |              |  |  |  |
| 3.4.1           | PAN is masked when displayed (the BIN and last four digits are the maximum number of digits to be displayed), such that only personnel with a legitimate business need can see more than the BIN and last four digits of the PAN. | •    | Examine documented policies and procedures.  Examine system configurations.  Examine the documented list of roles that need access to more than the BIN and last four digits of the PAN (includes full PAN).  Examine displays of PAN (for example, on screen, on paper receipts). |             |   |                           |                   |              |  |  |  |
|                 | Applicability Notes   |      |  |             |   |                           |                   |              |  |  |  |
|                 | This requirement does not supersede stricter requirement cardholder data—for example, legal or payment brand receipts.  |      | · · · · · · · · · · · · · · · · · · ·  |             |   |                           |                   |              |  |  |  |
|                 | This requirement relates to protection of PAN where it receipts, printouts, etc., and is not to be confused with PAN when stored, processed, or transmitted.  |      |  |             |   |                           |                   |              |  |  |  |



# Requirement 4: Protect Cardholder Data with Strong Cryptography During Transmission Over Open, Public Networks

|         |  |  | Response*                                 |                   |                           |                   |                 |  |  |
|---------|--|--|---|-------------------|---------------------------|-------------------|-----------------|--|--|
|         | PCI DSS Requirement  | Expected Testing   | (Check one response for each requirement) |                   |                           |                   |                 |  |  |
|         |  |  | In<br>Place                               | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| 4.2 PAN | I is protected with strong cryptography during transmission  |  |   |                   |                           |                   |                 |  |  |
| 4.2.1   | Strong cryptography and security protocols are implemented as follows to safeguard PAN during transmission over open, public networks:   |  |   |                   |                           |                   |                 |  |  |
|         | omy master nego and commented and decepted.  | Examine documented policies  |   |                   |                           |                   |                 |  |  |
|         | <ul> <li>Certificates used to safeguard PAN during<br/>transmission over open, public networks are<br/>confirmed as valid and are not expired or revoked.</li> <li>This bullet is a best practice until its effective date;<br/>refer to Applicability Notes below for details.</li> </ul> | <ul> <li>and procedures.</li> <li>Interview personnel.</li> <li>Examine system configurations.</li> <li>Examine cardholder data</li> </ul> |   |                   |                           |                   |                 |  |  |
|         | <ul> <li>The protocol in use supports only secure versions<br/>or configurations and does not support fallback to,<br/>or use of insecure versions, algorithms, key sizes,<br/>or implementations.</li> </ul>  | transmissions.  Examine keys and certificates.   |   |                   |                           |                   |                 |  |  |
|         | The encryption strength is appropriate for the encryption methodology in use.  |  |   |                   |                           |                   |                 |  |  |
|         | Applicability Notes (continued)  |  |   |                   |                           |                   |                 |  |  |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|                      | PCI DSS Requirement   | Expected Testing   | (C          | Response* (Check one response for each requirement) |                           |                   |              |  |  |  |
|----------------------|---|--|-------------|---|---------------------------|-------------------|--------------|--|--|--|
|                      |   |  | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |  |
| <b>4.2.1</b> (cont.) | There could be occurrences where an entity receives cal insecure communication channel that was not intended for data. In this situation, the entity can choose to either included End and secure it according to PCI DSS or implement in from being used for cardholder data.                    | or the purpose of receiving sensitive ude the channel in the scope of their  |             |   |                           |                   |              |  |  |  |
|                      | A self-signed certificate may also be acceptable if the ce within the organization, the certificate's author is confirmed example, via hash or signature—and has not expired. Not the Distinguished Name (DN) field in the "issued by" and acceptable.  | ed, and the certificate is verified—for one that self-signed certificates where  |             |   |                           |                   |              |  |  |  |
|                      | The bullet above (for confirming that certificates used to over open, public networks are valid and are not expired 31 March 2025, after which it will be required as part of F considered during a PCI DSS assessment.   | or revoked) is a best practice until   |             |   |                           |                   |              |  |  |  |
| 4.2.1.2              | Wireless networks transmitting PAN or connected to the CDE use industry best practices to implement strong cryptography for authentication and transmission.  | Examine system configurations.   |             |   |                           |                   |              |  |  |  |
| 4.2.2                | PAN is secured with strong cryptography whenever it is sent via end-user messaging technologies.  | <ul> <li>Examine documented policies<br/>and procedures.</li> <li>Examine system configurations<br/>and vendor documentation.</li> </ul> |             |   |                           |                   |              |  |  |  |
|                      | Applicability Notes   |  |             |   |                           |                   |              |  |  |  |
|                      | This requirement also applies if a customer, or other third them via end-user messaging technologies.   | l-party, requests that PAN is sent to  |             |   |                           |                   |              |  |  |  |
|                      | There could be occurrences where an entity receives uns insecure communication channel that was not intended for this situation, the entity can choose to either include the and secure it according to PCI DSS or delete the cardhol to prevent the channel from being used for cardholder date. | or transmissions of sensitive data. In channel in the scope of their CDE der data and implement measures                                 |             |   |                           |                   |              |  |  |  |



# Maintain a Vulnerability Management Program

#### Requirement 5: Protect All Systems and Networks from Malicious Software

|                 | PCI DSS Requirement  | PCI DSS Requirement Expected Testing                             |           |                      | Response* (Check one response for each requirement) |                   |                 |  |  |  |  |
|-----------------|--|--|-----------|----------------------|---|-------------------|-----------------|--|--|--|--|
|                 | . 5. 200 1104211101110111  | Expected resting   |           | In Place<br>with CCW | In Place with Remediation                           | Not<br>Applicable | Not in<br>Place |  |  |  |  |
| <b>5.1</b> Prod | cesses and mechanisms for protecting all systems and netw  | orks from malicious software are defir                           | ned and u | ınderstood.          |   |                   |                 |  |  |  |  |
| 5.1.1           | All security policies and operational procedures that are identified in Requirement 5 are:  Documented.  Kept up to date.  In use.  Known to all affected parties.   | Examine documentation.     Interview personnel.                  |           |                      |   |                   |                 |  |  |  |  |
| for Requ        | on of any of the In Place responses for Requirement 5.1.1 m<br>uirement 5.  Icious software (malware) is prevented, or detected and add  | <u> </u>   | nd proced | dures in plac        | e that govern                                       | merchant a        | ctivities       |  |  |  |  |
| 5.2.1           | An anti-malware solution(s) is deployed on all system components, except for those system components identified in periodic evaluations per Requirement 5.2.3 that concludes the system components are not at risk from malware. | Examine system components.     Examine the periodic evaluations. |           |                      |   |                   |                 |  |  |  |  |
| 5.2.2           | The deployed anti-malware solution(s):  Detects all known types of malware.  Removes, blocks, or contains all known types of malware.  | Examine vendor documentation.     Examine system configurations. |           |                      |   |                   |                 |  |  |  |  |

<sup>◆</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|            | PCI DSS Requirement  | Expected Testing  | (C | heck one re       | Response*<br>sponse for ea |                   | nent)           |
|------------|--|---|----|-------------------|----------------------------|-------------------|-----------------|
|            | <ul> <li>malware are evaluated periodically to include the following:         <ul> <li>A documented list of all system components not a risk for malware.</li> <li>Identification and evaluation of evolving malware threats for those system components.</li> <li>Confirmation whether such system components continue to not require anti-malware protection.</li> </ul> </li> <li>Applicability Notes         <ul> <li>System components covered by this requirement are malware solution deployed per Requirement 5.2.1.</li> </ul> </li> <li>The frequency of periodic evaluations of system</li> </ul> | PI  |    | In Place with CCW | In Place with Remediation  | Not<br>Applicable | Not in<br>Place |
| 5.2.3      | <ul> <li>malware are evaluated periodically to include the following:</li> <li>A documented list of all system components not at risk for malware.</li> <li>Identification and evaluation of evolving malware threats for those system components.</li> <li>Confirmation whether such system components</li> </ul>   | <ul> <li>Examine documented policies and procedures.</li> <li>Interview personnel.</li> <li>Examine the list of system components not at risk for malware and compare against the system components without an anti-malware solution deployed.</li> </ul> |    |                   |                            |                   |                 |
|            | Applicability Notes  |   |    |                   |                            |                   |                 |
|            | System components covered by this requirement are tho malware solution deployed per Requirement 5.2.1.   | se for which there is no anti-  |    |                   |                            |                   |                 |
| 5.2.3.1    | The frequency of periodic evaluations of system components identified as not at risk for malware is defined in the entity's targeted risk analysis, which is performed according to all elements specified in Requirement 12.3.1.  | <ul> <li>Examine the targeted risk analysis.</li> <li>Examine documented results of periodic evaluations.</li> <li>Interview personnel.</li> </ul>  |    |                   |                            |                   |                 |
|            | Applicability Notes  |   |    |                   |                            |                   |                 |
|            | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment.   | after which it will be required and   |    |                   |                            |                   |                 |
| 5.3 Anti-r | malware mechanisms and processes are active, maintaine   | d, and monitored.   |    |                   |                            |                   |                 |
| 5.3.1      | The anti-malware solution(s) is kept current via automatic updates.  | <ul> <li>Examine anti-malware<br/>solution(s) configurations,<br/>including any master<br/>installation.</li> <li>Examine system components<br/>and logs.</li> </ul>  |    |                   |                            |                   |                 |



|         | PCI DSS Requirement   | Expected Testing  | (C          | heck one re          | Response*<br>sponse for ea |                   | nent <b>)</b>   |
|---------|---|---|-------------|----------------------|----------------------------|-------------------|-----------------|
|         | - Consider the quinomonic   | Exposion rooming  | In<br>Place | In Place<br>with CCW | In Place with Remediation  | Not<br>Applicable | Not in<br>Place |
| 5.3.2   | The anti-malware solution(s): Performs periodic scans and active or real-time scans  OR Performs continuous behavioral analysis of systems or processes.  | <ul> <li>Examine anti-malware solution(s) configurations, including any master installation.</li> <li>Examine system components.</li> <li>Examine logs and scan results.</li> </ul> |             |                      |                            |                   |                 |
| 5.3.2.1 | If periodic malware scans are performed to meet Requirement 5.3.2, the frequency of scans is defined in the entity's targeted risk analysis, which is performed according to all elements specified in Requirement 12.3.1.  | <ul> <li>Examine the targeted risk analysis.</li> <li>Examine documented results of periodic malware scans.</li> <li>Interview personnel.</li> </ul>                                |             |                      |                            |                   |                 |
|         | Applicability Notes   |   |             |                      |                            |                   |                 |
|         | This requirement applies to entities conducting periodic r 5.3.2.   | nalware scans to meet Requirement   |             |                      |                            |                   |                 |
|         | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment.  | after which it will be required and   |             |                      |                            |                   |                 |
| 5.3.3   | For removable electronic media, the anti-malware solution(s):  • Performs automatic scans of when the media is inserted, connected, or logically mounted,  OR  • Performs continuous behavioral analysis of systems or processes when the media is inserted, connected, or logically mounted. | <ul> <li>Examine anti-malware solution(s) configurations.</li> <li>Examine system components with removable electronic media.</li> <li>Examine logs and scan results.</li> </ul>    |             |                      |                            |                   |                 |
|         | Applicability Notes   |   |             |                      |                            |                   |                 |
|         | This requirement is a best practice until 31 March 2025, a must be fully considered during a PCI DSS assessment.  | after which it will be required and   |             |                      |                            |                   |                 |
| 5.3.4   | Audit logs for the anti-malware solution(s) are enabled and retained in accordance with Requirement 10.5.1.   | Examine anti-malware solution(s) configurations.  |             |                      |                            |                   |                 |



|                      | PCI DSS Requirement   | Expected Testing                                       | (C          | Response* (Check one response for each requirement) |                           |                   |                 |  |  |  |
|----------------------|---|--|-------------|---|---------------------------|-------------------|-----------------|--|--|--|
| r or boo requirement |   |  | In<br>Place | In Place with CCW                                   | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |  |
| 5.3.5                | Anti-malware mechanisms cannot be disabled or altered by users, unless specifically documented, and authorized by management on a case-by-case basis for a limited time period.   | ecifically documented, and configurations.             |             |   |                           |                   |                 |  |  |  |
|                      | Applicability Notes   |  |             |   |                           |                   |                 |  |  |  |
|                      | Anti-malware solutions may be temporarily disabled only if there is a legitimate technical need, as authorized by management on a case-by-case basis. If anti-malware protection needs to be disabled for a specific purpose, it must be formally authorized. Additional security measures may also need to be implemented for the period during which anti-malware protection is not active. |  |             |   |                           |                   |                 |  |  |  |
| <b>5.4</b> Anti      | -phishing mechanisms protect users against phishing attack  | S.   |             |   |                           |                   |                 |  |  |  |
| 5.4.1                | Processes and automated mechanisms are in place to detect and protect personnel against phishing attacks.   | Observe implemented processes.     Examine mechanisms. |             |   |                           |                   |                 |  |  |  |
|                      | Applicability Notes   |  |             |   |                           |                   |                 |  |  |  |
|                      | This requirement applies to the automated mechanism. It is not intended that the systems and services providing such automated mechanisms (such as e-mail servers) are brought into scope for PCI DSS.  |  |             |   |                           |                   |                 |  |  |  |
|                      | The focus of this requirement is on protecting personnel with access to system components in-scope for PCI DSS.   |  |             |   |                           |                   |                 |  |  |  |
|                      | Meeting this requirement for technical and automated controls to detect and protect personnel against phishing is not the same as Requirement 12.6.3.1 for security awareness training. Meeting this requirement does not also meet the requirement for providing personnel with security awareness training, and vice versa.   |  |             |   |                           |                   |                 |  |  |  |
|                      | This requirement is a best practice until 31 March 2025, after which it will be required and must be fully considered during a PCI DSS assessment.  |  |             |   |                           |                   |                 |  |  |  |



# Requirement 6: Develop and Maintain Secure Systems and Software

| PCI DSS Requirement |   | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |  |
|---------------------|---|--|---|-------------------|---------------------------|-------------------|-----------------|--|--|
|                     |   | Exposion rooming   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>6.2</b> Bes      | poke and custom software are developed securely.  |  |   |                   |                           |                   |                 |  |  |
| (develo             | or SAQ C, requirements at 6.2 apply to merchants with besped by the entity). If merchant does not have such software ements Noted as Not Applicable.  |  |   |                   |                           |                   |                 |  |  |
| 6.2.1               | Bespoke and custom software are developed securely, as follows:  Based on industry standards and/or best practices for secure development.  Bullet intentionally left blank for this SAQ.  Bullet intentionally left blank for this SAQ.  | Examine documented software development procedures.  |   |                   |                           |                   |                 |  |  |
|                     | Applicability Notes   |  |   |                   |                           |                   |                 |  |  |
|                     | This applies to all software developed for or by the entity includes both bespoke and custom software. This does r  | •  |   |                   |                           |                   |                 |  |  |
| 6.2.2               | Software development personnel working on bespoke and custom software are trained at least once every 12 months as follows:  On software security relevant to their job function and development languages.  Including secure software design and secure coding techniques.  Including, if security testing tools are used, how to use the tools for detecting vulnerabilities in software. | <ul> <li>Examine documented software development procedures.</li> <li>Examine training records.</li> <li>Interview personnel.</li> </ul> |   |                   |                           |                   |                 |  |  |
|                     | Applicability Notes (continued)   |  |   |                   |                           |                   |                 |  |  |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|                      | PCI DSS Requirement  | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|----------------------|--|--|---|-------------------|---------------------------|-------------------|-----------------|--|
|                      | 1 of 200 Requirement   | Exposion rooming   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>6.2.2</b> (cont.) | Software development personnel remain knowledgeable practices; software security; and attacks against the language they develop. Personnel are able to access assistance at  | uages, frameworks, or applications   |   |                   |                           |                   |                 |  |
| 6.2.3.1              | <ul> <li>If manual code reviews are performed for bespoke and custom software prior to release to production, code changes are:</li> <li>Reviewed by individuals other than the originating code author, and who are knowledgeable about code-review techniques and secure coding practices.</li> <li>Reviewed and approved by management prior to release.</li> </ul> | <ul> <li>Examine documented software development procedures.</li> <li>Interview responsible personnel.</li> <li>Examine evidence of changes to bespoke and custom software.</li> </ul> |   |                   |                           |                   |                 |  |
|                      | Applicability Notes  |  |   |                   |                           |                   |                 |  |
|                      | Manual code reviews can be conducted by knowledgeable internal personnel or knowledgeable third-party personnel.   |  |   |                   |                           |                   |                 |  |
|                      | An individual that has been formally granted accountabilineither the original code author nor the code reviewer ful management.  |  |   |                   |                           |                   |                 |  |



|  | PCI DSS Requirement   | Expected Testing  | (C          | Response* (Check one response for each requirement) |                           |                   |                 |  |  |
|--|---|---|-------------|---|---------------------------|-------------------|-----------------|--|--|
|  | r or boo requirement  | Expedica resting  | In<br>Place | In Place with CCW                                   | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| 6.2.4  | Software engineering techniques or other methods are defined and in use by software development personnel to prevent or mitigate common software attacks and related vulnerabilities in bespoke and custom software, including but not limited to the following:  |   |             |   |                           |                   |                 |  |  |
|  | other command, parameter, object, fault, or   | <ul><li>Examine documented procedures.</li><li>Interview responsible software</li></ul> |             |   |                           |                   |                 |  |  |
|  | Attacks on data and data structures, including<br>attempts to manipulate buffers, pointers, input data,<br>or shared data.  | development personnel.  |             |   |                           |                   |                 |  |  |
|  | Attacks on cryptography usage, including attempts to exploit weak, insecure, or inappropriate cryptographic implementations, algorithms, cipher suites, or modes of operation.  |   |             |   |                           |                   |                 |  |  |
|  | Attacks on business logic, including attempts to abuse or bypass application features and functionalities through the manipulation of APIs, communication protocols and channels, client-side functionality, or other system/application functions and resources. This includes cross-site scripting (XSS) and cross-site request forgery (CSRF). |   |             |   |                           |                   |                 |  |  |
| <ul> <li>Attacks on access control mechanisms, including attempts to bypass or abuse identification, authentication, or authorization mechanisms, or attempts to exploit weaknesses in the implementation of such mechanisms.</li> <li>Attacks via any "high-risk" vulnerabilities identified in the vulnerability identification process, as defined in Requirement 6.3.1.</li> </ul> | attempts to bypass or abuse identification, authentication, or authorization mechanisms, or attempts to exploit weaknesses in the   |   |             |   |                           |                   |                 |  |  |
|  |   |   |             |   |                           |                   |                 |  |  |
|  | Applicability Notes   |   |             |   |                           |                   |                 |  |  |
|  | This applies to all software developed for or by the entity includes both bespoke and custom software. This does r  |   |             |   |                           |                   |                 |  |  |



|                | PCI DSS Requirement  | Expected Testing   | (C          | Response* (Check one response for each requirement) |                           |                   |                 |  |  |  |
|----------------|--|--|-------------|---|---------------------------|-------------------|-----------------|--|--|--|
|                |  |  | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |  |
| <b>6.3</b> Sec | urity vulnerabilities are identified and addressed.  |  |             |   |                           |                   |                 |  |  |  |
| 6.3.1          | <ul> <li>Security vulnerabilities are identified and managed as follows:</li> <li>New security vulnerabilities are identified using industry-recognized sources for security vulnerability information, including alerts from international and national computer emergency response teams (CERTs).</li> <li>Vulnerabilities are assigned a risk ranking based on industry best practices and consideration of potential impact.</li> <li>Risk rankings identify, at a minimum, all vulnerabilities considered to be a high-risk or critical to the environment.</li> <li>Vulnerabilities for bespoke and custom, and third-party software (for example operating systems and databases) are covered.</li> </ul> | <ul> <li>Examine policies and procedures.</li> <li>Interview responsible personnel.</li> <li>Examine documentation.</li> <li>Observe processes.</li> </ul>                 |             |   |                           |                   |                 |  |  |  |
| 6.3.3          | Applicability Notes  This requirement is not achieved by, nor is it the same as Requirements 11.3.1 and 11.3.2. This requirement is for industry sources for vulnerability information and for the be associated with each vulnerability.  All system components are protected from known  | a process to actively monitor  |             |   |                           |                   |                 |  |  |  |
|                | <ul> <li>vulnerabilities by installing applicable security patches/updates as follows:</li> <li>Critical or high-security patches/updates (identified according to the risk ranking process at Requirement 6.3.1) are installed within one month of release.</li> <li>Bullet intentionally left blank for this SAQ.</li> </ul>   | <ul> <li>procedures.</li> <li>Examine system components and related software.</li> <li>Compare list of security patches installed to recent vendor patch lists.</li> </ul> |             |   |                           |                   |                 |  |  |  |



| PCI DSS Requirement |  | Expected Testing   | (C          | Check one re         | Response*<br>sponse for ea | nse*<br>or each requirement) |                 |  |
|---------------------|--|--|-------------|----------------------|----------------------------|------------------------------|-----------------|--|
|                     |  | _xpooton rooming   | In<br>Place | In Place<br>with CCW | In Place with Remediation  | Not<br>Applicable            | Not in<br>Place |  |
| <b>6.5</b> Cha      | anges to all system components are managed securely.   |  |             |                      |                            |                              |                 |  |
| 6.5.1               | <ul> <li>Changes to all system components in the production environment are made according to established procedures that include:</li> <li>Reason for, and description of, the change.</li> <li>Documentation of security impact.</li> <li>Documented change approval by authorized parties.</li> <li>Testing to verify that the change does not adversely impact system security.</li> <li>For bespoke and custom software changes, all updates are tested for compliance with Requirement 6.2.4 before being deployed into production.</li> <li>Procedures to address failures and return to a secure state.</li> </ul> | <ul> <li>Examine documented change control procedures.</li> <li>Examine recent changes to system components and trace changes to change control documentation.</li> <li>Examine change control documentation.</li> </ul> |             |                      |                            |                              |                 |  |
| 6.5.2               | Upon completion of a significant change, all applicable PCI DSS requirements are confirmed to be in place on all new or changed systems and networks, and documentation is updated as applicable.  Applicability Notes   |  |             |                      |                            |                              |                 |  |
|                     | Applicability Notes  |  |             |                      |                            |                              |                 |  |
| _                   | These significant changes should also be captured and r DSS scope confirmation activity per Requirement 12.5.2   | •  |             |                      |                            |                              |                 |  |



# **Implement Strong Access Control Measures**

#### Requirement 7: Restrict Access to System Components and Cardholder Data by Business Need to Know

| PCI DSS Requirement |   | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|---------------------|---|---|---|-------------------|---------------------------|-------------------|-----------------|--|
|                     |   |   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>7.2</b> Acc      | ess to system components and data is appropriately define   | ed and assigned.  |   |                   |                           |                   |                 |  |
| 7.2.2               | Access is assigned to users, including privileged users, based on:  • Job classification and function.  • Least privileges necessary to perform job responsibilities. | <ul> <li>Examine policies and procedures.</li> <li>Examine user access settings, including for privileged users.</li> <li>Interview responsible management personnel.</li> <li>Interview personnel responsible for assigning access.</li> </ul> |   |                   |                           |                   |                 |  |
| 7.2.3               | Required privileges are approved by authorized personnel.   | <ul> <li>Examine policies and procedures.</li> <li>Examine user IDs and assigned privileges.</li> <li>Examine documented approvals.</li> </ul>  |   |                   |                           |                   |                 |  |

<sup>◆</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|       | PCI DSS Requirement   |                | Expected Testing  | (C          | Response* (Check one response for each requirement) |                           |                   |                 |  |  |
|-------|---|----------------|---|-------------|---|---------------------------|-------------------|-----------------|--|--|
|       |   |                | poolou rooug  | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| 7.2.4 | <ul> <li>All user accounts and related access privileges, including third-party/vendor accounts, are reviewed as follows:</li> <li>At least once every six months.</li> <li>To ensure user accounts and access remain appropriate based on job function.</li> <li>Any inappropriate access is addressed.</li> <li>Management acknowledges that access remains appropriate.</li> </ul> | •              | Examine policies and procedures. Interview responsible personnel. Examine documented results of periodic reviews of user accounts.      |             |   |                           |                   |                 |  |  |
|       | Applicability Notes   |                |   |             |   |                           |                   |                 |  |  |
|       | This requirement applies to all user accounts and related used by personnel and third parties/vendors, and accounservices.  See Requirements 7.2.5 and 7.2.5.1 and 8.6.1 through 8 system accounts.   | nts เ<br>3.6.3 | s for controls for application and  |             |   |                           |                   |                 |  |  |
|       | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment.  |                | r wnich it wiii be required and   |             |   |                           |                   |                 |  |  |
| 7.2.5 | All application and system accounts and related access privileges are assigned and managed as follows:     Based on the least privileges necessary for the operability of the system or application.     Access is limited to the systems, applications, or processes that specifically require their use.  | •              | Examine policies and procedures.  Examine privileges associated with system and application accounts.  Interview responsible personnel. |             |   |                           |                   |                 |  |  |
|       | Applicability Notes   | 1              |   |             |   |                           |                   |                 |  |  |
|       | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment.  |                | r which it will be required and   |             |   |                           |                   |                 |  |  |



#### Requirement 8: Identify Users and Authenticate Access to System Components

| PCI DSS Requirement   |   | Expected Testing   | (C          | Response* (Check one response for each requirement) |                           |                   |                 |  |
|-----------------------|---|--|-------------|---|---------------------------|-------------------|-----------------|--|
|                       |   | Exposion rooming   | In<br>Place | In Place<br>with CCW                                | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>8.1</b> Proce      | esses and mechanisms for identifying users and authentic  | cating access to system components a   | re define   | d and under   | stood.                    |                   |                 |  |
| Selection<br>for Requ | All security policies and operational procedures that are identified in Requirement 8 are:  Documented.  Kept up to date.  In use.  Known to all affected parties.  mpletion Guidance: of any of the In Place responses for Requirement 8.1.1 interement 8. | ·  |             |   |                           | n merchant        | activities      |  |
| <b>8.2</b> User       | identification and related accounts for users and administ  | rators are strictly managed throughout   | an acco     | unt's lifecycl                                      | e.                        |                   |                 |  |
| 8.2.1                 | All users are assigned a unique ID before access to system components or cardholder data is allowed.  | <ul> <li>Interview responsible personnel.</li> <li>Examine audit logs and other evidence.</li> </ul> |             |   |                           |                   |                 |  |
|                       | Applicability Notes   |  |             |   |                           |                   |                 |  |
|                       | This requirement is not intended to apply to user accounts within point-of-sale terminals that have access to only one card number at a time to facilitate a single transaction (such as IDs used by cashiers on point-of-sale terminals).                  |  |             |   |                           |                   |                 |  |

<sup>◆</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|       | PCI DSS Requirement  | Expected Testing   | (C | heck one re          | Response*<br>sponse for ea | ch requirem       | ent <b>)</b> |
|-------|--|--|----|----------------------|----------------------------|-------------------|--------------|
|       | ,  |  |    | In Place<br>with CCW | In Place with Remediation  | Not<br>Applicable | Not in Place |
| 8.2.2 | <ul> <li>Group, shared, or generic accounts, or other shared authentication credentials are only used when necessary on an exception basis, and are managed as follows:</li> <li>Account use is prevented unless needed for an exceptional circumstance.</li> <li>Use is limited to the time needed for the exceptional circumstance.</li> <li>Business justification for use is documented.</li> <li>Use is explicitly approved by management.</li> <li>Individual user identity is confirmed before access to an account is granted.</li> <li>Every action taken is attributable to an individual user.</li> </ul> | <ul> <li>Examine user account lists on system components and applicable documentation.</li> <li>Examine authentication policies and procedures.</li> <li>Interview system administrators.</li> </ul> |    |                      |                            |                   |              |
|       | Applicability Notes  |  |    |                      |                            |                   |              |
|       | This requirement is not intended to apply to user account that have access to only one card number at a time to as IDs used by cashiers on point-of-sale terminals).   |  |    |                      |                            |                   |              |
| 8.2.4 | <ul> <li>Addition, deletion, and modification of user IDs, authentication factors, and other identifier objects are managed as follows:</li> <li>Authorized with the appropriate approval.</li> <li>Implemented with only the privileges specified on the documented approval.</li> </ul>  | <ul> <li>Examine documented<br/>authorizations across various<br/>phases of the account lifecycle<br/>(additions, modifications, and<br/>deletions).</li> <li>Examine system settings.</li> </ul>    |    |                      |                            |                   |              |
|       | Applicability Notes  |  |    |                      |                            |                   |              |
|       | This requirement applies to all user accounts, including consultants, temporary workers, and third-party vendor  |  |    |                      |                            |                   |              |



|       | PCI DSS Requirement   | Expected Testing   | (0          | Check one re      | Response*<br>sponse for ea | ch requiren       | nent)           |
|-------|---|--|-------------|-------------------|----------------------------|-------------------|-----------------|
|       |   |  | In<br>Place | In Place with CCW | In Place with Remediation  | Not<br>Applicable | Not in<br>Place |
| 8.2.5 | Access for terminated users is immediately revoked.   | <ul> <li>Examine information sources for terminated users.</li> <li>Review current user access lists.</li> <li>Interview responsible personnel.</li> </ul> |             |                   |                            |                   |                 |
| 8.2.6 | Inactive user accounts are removed or disabled within 90 days of inactivity.  | <ul> <li>Examine user accounts and last logon information.</li> <li>Interview responsible personnel.</li> </ul>  |             |                   |                            |                   |                 |
| 8.2.7 | Accounts used by third parties to access, support, or maintain system components via remote access are managed as follows:  Enabled only during the time period needed and disabled when not in use.  Use is monitored for unexpected activity. | <ul> <li>Interview responsible personnel.</li> <li>Examine documentation for managing accounts.</li> <li>Examine evidence.</li> </ul>                      |             |                   |                            |                   |                 |
| 8.2.8 | If a user session has been idle for more than 15 minutes, the user is required to re-authenticate to reactivate the terminal or session.  | Examine system configuration settings.   |             |                   |                            |                   |                 |
|       | Applicability Notes   |  |             |                   |                            |                   |                 |
|       | This requirement is not intended to apply to user accondance access to only one card number at a time to facil IDs used by cashiers on point-of-sale terminals).  | itate a single transaction (such as  |             |                   |                            |                   |                 |
|       | This requirement is not meant to prevent legitimate ac the console/PC is unattended.  | tivities from being performed while  |             |                   |                            |                   |                 |



|          | PCI DSS Requirement  | Expected Testing   | (C          | heck one re | Response*<br>esponse for ea |                   | nent)           |
|----------|--|--|-------------|-------------|-----------------------------|-------------------|-----------------|
|          | 1 2 2 2 2 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3  | p  | In<br>Place |             |                             | Not<br>Applicable | Not in<br>Place |
| 8.3 Stro | ng authentication for users and administrators is established  | ed and managed.  |             |             |                             |                   |                 |
| 8.3.1    | All user access to system components for users and administrators is authenticated via at least one of the following authentication factors:  • Something you know, such as a password or passphrase.  • Something you have, such as a token device or smart card.  • Something you are, such as a biometric element.  Applicability Notes  This requirement is not intended to apply to user accordance access to only one card number at a time to facil IDs used by cashiers on point-of-sale terminals).  This requirement does not supersede multi-factor auth applies to those in-scope systems not otherwise subje A digital certificate is a valid option for "something you user. | entication (MFA) requirements but ct to MFA requirements.  |             |             |                             |                   |                 |
| 8.3.2    | Strong cryptography is used to render all authentication factors unreadable during transmission and storage on all system components.  | <ul> <li>Examine vendor documentation</li> <li>Examine system configuration settings.</li> <li>Examine repositories of authentication factors.</li> <li>Examine data transmissions.</li> </ul> |             |             |                             |                   |                 |
| 8.3.3    | User identity is verified before modifying any authentication factor.  | <ul> <li>Examine procedures for<br/>modifying authentication<br/>factors.</li> <li>Observe security personnel.</li> </ul>  |             |             |                             |                   |                 |



|       | PCI DSS Requirement  | Expected Testing   | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |  |
|-------|--|--|---|----------------------|---------------------------|-------------------|-----------------|--|--|
|       | , or 200 ttoquinomoni  |  | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| 8.3.4 | <ul> <li>Invalid authentication attempts are limited by:</li> <li>Locking out the user ID after not more than 10 attempts.</li> <li>Setting the lockout duration to a minimum of 30 minutes or until the user's identity is confirmed.</li> </ul>        | Examine system configuration settings.   |   |                      |                           |                   |                 |  |  |
|       | Applicability Notes  This requirement is not intended to apply to user account that have access to only one card number at a time to as IDs used by cashiers on point-of-sale terminals).  |  |   |                      |                           |                   |                 |  |  |
| 8.3.5 | If passwords/passphrases are used as authentication factors to meet Requirement 8.3.1, they are set and reset for each user as follows:  Set to a unique value for first-time use and upon reset.  Forced to be changed immediately after the first use. | <ul> <li>Examine procedures for setting<br/>and resetting<br/>passwords/passphrases.</li> <li>Observe security personnel.</li> </ul> |   |                      |                           |                   |                 |  |  |



|       | PCI DSS Requirement   |     | Expected Testing                       |  | heck one re       | Response*<br>sponse for eac | ch requirem       | ent <b>)</b> |
|-------|---|-----|--|--|-------------------|-----------------------------|-------------------|--------------|
|       |   |     |  |  | In Place with CCW | In Place with Remediation   | Not<br>Applicable | Not in Place |
| 8.3.6 | If passwords/passphrases are used as authentication factors to meet Requirement 8.3.1, they meet the following minimum level of complexity:   | •   | Examine system configuration settings. |  |                   |                             |                   |              |
|       | <ul> <li>A minimum length of 12 characters (or IF the system does not support 12 characters, a minimum length of eight characters).</li> <li>Contain both numeric and alphabetic characters.</li> </ul> |     |  |  |                   |                             |                   |              |
|       | Applicability Notes   | 1   |  |  |                   |                             |                   |              |
|       | This requirement is not intended to apply to:   |     |  |  |                   |                             |                   |              |
|       | <ul> <li>User accounts on point-of-sale terminals that have<br/>time to facilitate a single transaction (such as IDs us<br/>terminals).</li> </ul>  |     |  |  |                   |                             |                   |              |
|       | Application or system accounts, which are governed  | d b | y requirements in section 8.6.         |  |                   |                             |                   |              |
|       | This requirement is a best practice until 31 March 2028 must be fully considered during a PCI DSS assessment  |     | fter which it will be required and     |  |                   |                             |                   |              |
|       | Until 31 March 2025, passwords must be a minimum le accordance with PCI DSS v3.2.1 Requirement 8.2.3.   | eng | th of seven characters in              |  |                   |                             |                   |              |
| 8.3.7 | Individuals are not allowed to submit a new password/passphrase that is the same as any of the last four passwords/passphrases used.  | •   | Examine system configuration settings. |  |                   |                             |                   |              |
|       | Applicability Notes   |     |  |  |                   |                             |                   |              |
|       | This requirement is not intended to apply to user account that have access to only one card number at a time to as IDs used by cashiers on point-of-sale terminals).                                    |     |  |  |                   |                             |                   |              |



|       | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |              |  |  |
|-------|--|---|---|-------------------|---------------------------|-------------------|--------------|--|--|
|       |  | <b>-</b> Apostou 1 30 m/g   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |  |  |
| 8.3.8 | <ul> <li>Authentication policies and procedures are documented and communicated to all users including:</li> <li>Guidance on selecting strong authentication factors.</li> <li>Guidance for how users should protect their authentication factors.</li> <li>Instructions not to reuse previously used passwords/passphrases.</li> <li>Instructions to change passwords/passphrases if there is any suspicion or knowledge that the password/passphrases have been compromised and how to report the incident.</li> </ul> | <ul> <li>Examine procedures.</li> <li>Interview personnel.</li> <li>Review authentication policies<br/>and procedures that are<br/>distributed to users.</li> <li>Interview users.</li> </ul> |   |                   |                           |                   |              |  |  |
| 8.3.9 | If passwords/passphrases are used as the only authentication factor for user access (i.e., in any single-factor authentication implementation) then either:  • Passwords/passphrases are changed at least once every 90 days,  OR  • The security posture of accounts is dynamically analyzed, and real-time access to resources is automatically determined accordingly.  | Inspect system configuration settings.  |   |                   |                           |                   |              |  |  |
|       | Applicability Notes  |   |   |                   |                           |                   |              |  |  |
|       | This requirement applies to in-scope system compone these components are not subject to MFA requirement. This requirement is not intended to apply to user account have access to only one card number at a time to facilities used by cashiers on point-of-sale terminals). This requirement does not apply to service providers' caccounts for service provider personnel.   | s.<br>unts on point-of-sale terminals that<br>tate a single transaction (such as  |   |                   |                           |                   |              |  |  |



|                 | PCI DSS Requirement   | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |  |
|-----------------|---|--|---|-------------------|---------------------------|-------------------|-----------------|--|--|
|                 |   |  | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>8.4</b> Mult | 4 Multi-factor authentication (MFA) is implemented to secure access into the CDE.   |  |   |                   |                           |                   |                 |  |  |
| 8.4.1           | MFA is implemented for all non-console access into the CDE for personnel with administrative access.  | <ul> <li>Examine network and/or<br/>system configurations.</li> <li>Observe administrator<br/>personnel logging into the CDE.</li> </ul> |   |                   |                           |                   |                 |  |  |
|                 | Applicability Notes   |  |   |                   |                           |                   |                 |  |  |
|                 | The requirement for MFA for non-console administrative access applies to all personnel with elevated or increased privileges accessing the CDE via a non-console connection—that is, via logical access occurring over a network interface rather than via a direct, physical connection. |  |   |                   |                           |                   |                 |  |  |
|                 | MFA is considered a best practice for non-console adr<br>system components that are not part of the CDE.  |  |   |                   |                           |                   |                 |  |  |



|       | PCI DSS Requirement  | Expected Testing  | <u>(</u> C  | Check one re         | Response*                 |                   | irement <b>)</b> |  |
|-------|--|---|-------------|----------------------|---------------------------|-------------------|------------------|--|
|       |  | Exposion rooms  | In<br>Place | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place  |  |
| 8.4.2 | MFA is implemented for all access into the CDE.  | <ul> <li>Examine network and/or system configurations.</li> <li>Observe personnel logging in to the CDE.</li> <li>Examine evidence.</li> </ul>  |             |                      |                           |                   |                  |  |
|       | Applicability Notes  |   |             |                      |                           |                   |                  |  |
|       | This requirement does not apply to:  |   |             |                      |                           |                   |                  |  |
|       | Application or system accounts performing automa   |   |             |                      |                           |                   |                  |  |
|       | User accounts on point-of-sale terminals that have time to facilitate a single transaction (such as IDs uterminals).  MFA is required for both types of access specified in Interefore, applying MFA to one type of access does instance of MFA to the other type of access. If an indinetwork via remote access, and then later initiates a cuthe network, per this requirement the individual would when connecting via remote access to the entity's network-one-console administrative access from the entity's network. | Requirements 8.4.2 and 8.4.3. not replace the need to apply another vidual first connects to the entity's connection into the CDE from within authenticate using MFA twice, once work and once when connecting via etwork into the CDE. |             |                      |                           |                   |                  |  |
|       | The MFA requirements apply for all types of system c<br>systems, and on-premises applications, network secu<br>and endpoints, and includes access directly to an enti<br>web-based access to an application or function.   |   |             |                      |                           |                   |                  |  |
|       | MFA for remote access into the CDE can be impleme system/application level; it does not have to be applie is used when a user connects to the CDE network, it is user logs into each system or application within the C  | d at both levels. For example, if MFA loes not have to be used when the   |             |                      |                           |                   |                  |  |
|       | This requirement is a best practice until 31 March 202 must be fully considered during a PCI DSS assessment  |   |             |                      |                           |                   |                  |  |



|       | PCI DSS Requirement  | Expected Testing   | (C          | ch requirem       | nent)                     |                   |                 |
|-------|--|--|-------------|-------------------|---------------------------|-------------------|-----------------|
|       | , s,   | g  | In<br>Place | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |
| 8.4.3 | <ul> <li>MFA is implemented for all remote network access originating from outside the entity's network that could access or impact the CDE as follows:</li> <li>All remote access by all personnel, both users and administrators, originating from outside the entity's network.</li> <li>All remote access by third parties and vendors.</li> </ul> | <ul> <li>Examine network and/or system configurations for remote access servers and systems.</li> <li>Observe personnel (for example, users and administrators) connecting remotely to the network.</li> </ul> |             |                   |                           |                   |                 |
|       | Applicability Notes  |  |             |                   |                           |                   |                 |
|       | The requirement for MFA for remote access originating applies to all user accounts that can access the network access leads to or could lead to access into the CDE.   |  |             |                   |                           |                   |                 |
|       | If remote access is to a part of the entity's network that CDE, such that remote users cannot access or impact that part of the network is not required. However, MFA networks with access to the CDE and is recommended networks.   | the CDE, MFA for remote access to is required for any remote access to   |             |                   |                           |                   |                 |
|       | The MFA requirements apply for all types of system consystems, and on-premises applications, network securand endpoints, and includes access directly to an entity web-based access to an application or function.   | ity devices, workstations, servers,  |             |                   |                           |                   |                 |



|           | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|-----------|--|---|---|-------------------|---------------------------|-------------------|-----------------|--|
|           | . S. 200 Roquillonion  | =Apooton rooming  | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| 8.5 Multi | -factor authentication (MFA) systems are configured to pr  | revent misuse.  |   |                   |                           |                   |                 |  |
| 8.5.1     | <ul> <li>MFA systems are implemented as follows:</li> <li>The MFA system is not susceptible to replay attacks.</li> <li>MFA systems cannot be bypassed by any users, including administrative users unless specifically documented, and authorized by management on an exception basis, for a limited time period.</li> <li>At least two different types of authentication factors are used.</li> <li>Success of all authentication factors is required before access is granted.</li> </ul> | <ul> <li>Examine vendor system documentation.</li> <li>Examine system configurations for the MFA implementation.</li> <li>Interview responsible personnel and observe processes.</li> <li>Observe personnel logging into system components in the CDE.</li> <li>Observe personnel connecting remotely from outside the entity's network.</li> </ul> |   |                   |                           |                   |                 |  |
|           | Applicability Notes  |   |   |                   |                           |                   |                 |  |
|           | This requirement is a best practice until 31 March 202 must be fully considered during a PCI DSS assessment  |   |   |                   |                           |                   |                 |  |



|                | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |  |
|----------------|--|---|---|-------------------|---------------------------|-------------------|-----------------|--|--|
|                | , s. 2 2 3 10 <b>4</b>   | p   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>8.6</b> Use | of application and system accounts and associated auther   | ntication factors is strictly managed.  |   |                   |                           |                   |                 |  |  |
| 8.6.1          | If accounts used by systems or applications can be used for interactive login, they are managed as follows:  Interactive use is prevented unless needed for an exceptional circumstance.  Interactive use is limited to the time needed for the exceptional circumstance.  Business justification for interactive use is documented.  Interactive use is explicitly approved by management.  Individual user identity is confirmed before access to account is granted.  Every action taken is attributable to an individual user. | Examine application and system accounts that can be used interactively.     Interview administrative personnel. |   |                   |                           |                   |                 |  |  |
|                | Applicability Notes  |   |   |                   |                           |                   |                 |  |  |
|                | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment  | •   |   |                   |                           |                   |                 |  |  |



|       | PCI DSS Requirement   | Expected Testing |   | (1          | Check one re      | Response*<br>esponse for ea | ch requiren       | nent)           |
|-------|---|------------------|---|-------------|-------------------|-----------------------------|-------------------|-----------------|
|       | , s,  |                  | p   | In<br>Place | In Place with CCW | In Place with Remediation   | Not<br>Applicable | Not in<br>Place |
| 8.6.2 | Passwords/passphrases for any application and system accounts that can be used for interactive login are not hard coded in scripts, configuration/property files, or bespoke and custom source code.  Applicability Notes   | •                | Interview personnel.  Examine system development procedures.  Examine scripts, configuration/property files, and bespoke and custom source code for application and system accounts that can be used for interactive login. |             |                   |                             |                   |                 |
|       | Applicability Notes   |                  |   |             |                   |                             |                   |                 |
|       | Stored passwords/passphrases are required to be expequirement 8.3.2.  This requirement is a best practice until 31 March 20 must be fully considered during a PCI DSS assessm   | afi              |   |             |                   |                             |                   |                 |
| 8.6.3 | Passwords/passphrases for any application and system accounts are protected against misuse as follows:  • Passwords/passphrases are changed periodically (at the frequency defined in the entity's targeted risk analysis, which is performed according to all elements specified in Requirement 12.3.1) and upon suspicion or confirmation of compromise.  • Passwords/passphrases are constructed with sufficient complexity appropriate for how frequently the entity changes the passwords/passphrases. | •                | procedures.  Examine the targeted risk analysis.  Interview responsible personnel.  |             |                   |                             |                   |                 |
|       | Applicability Notes   |                  |   |             |                   |                             |                   |                 |
|       | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment   |                  | ter which it will be required and   |             |                   |                             |                   |                 |



# Requirement 9: Restrict Physical Access to Cardholder Data

|                       | PCI DSS Requirement  | Expected Testing   | (0          | Check one re      | Response <sup>*</sup>     |                   | nent)           |
|-----------------------|--|--|-------------|-------------------|---------------------------|-------------------|-----------------|
|                       |  |  | In<br>Place | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |
| <b>9.1</b> Proc       | esses and mechanisms for restricting physical access to  | cardholder data are defined and unders   | stood.      |                   |                           |                   |                 |
| 9.1.1                 | All security policies and operational procedures that are identified in Requirement 9 are:  Documented.  Kept up to date.  In use.  Known to all affected parties.   | <ul><li>Examine documentation.</li><li>Interview personnel.</li></ul>  |             |                   |                           |                   |                 |
| Selection<br>for Requ | Impletion Guidance: In of any of the In Place responses for Requirement 9.1.1 In irrement 9, including how any paper media with cardholds Is is access controls manage entry into facilities and syst  | er data is secured, and how POI devices  | •           | •                 | ace that govern           | n merchant        | activities      |
| 9.2.1                 | Appropriate facility entry controls are in place to restrict physical access to systems in the CDE.  | <ul><li>Observe physical entry controls.</li><li>Interview responsible personnel.</li></ul>  |             |                   |                           |                   |                 |
| 9.2.1.1               | Individual physical access to sensitive areas within the CDE is monitored with either video cameras or physical access control mechanisms (or both) as follows:  Entry and exit points to/from sensitive areas within the CDE are monitored.  Monitoring devices or mechanisms are protected from tampering or disabling.  Collected data is reviewed and correlated with other entries. | <ul> <li>Observe locations where individual physical access to sensitive areas within the CDE occurs.</li> <li>Observe the physical access control mechanisms and/or examine video cameras.</li> <li>Interview responsible personnel.</li> </ul> |             |                   |                           |                   |                 |
|                       | <ul> <li>Collected data is stored for at least three months,<br/>unless otherwise restricted by law.</li> </ul>  |  |             |                   |                           |                   |                 |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|           | PCI DSS Requirement  |       | Expected Testing  | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |
|-----------|--|-------|---|---|----------------------|---------------------------|-------------------|-----------------|--|
|           | . or boo requirement   |       | Expodica rooming  | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| 9.2.2     | Physical and/or logical controls are implemented to restrict use of publicly accessible network jacks within the facility.   | •     | Interview responsible personnel.  Observe locations of publicly accessible network jacks.                         |   |                      |                           |                   |                 |  |
| 9.4 Media | a with cardholder data is securely stored, accessed, dist  | tribu | ted, and destroyed.   |   |                      |                           |                   |                 |  |
|           | r SAQ C, Requirements at 9.4 only apply to merchants vaccount numbers (PANs).  | with  | paper records (for example, receipt   | s or print  | ed reports) ı        | with account d            | ata, includii     | ng              |  |
| 9.4.1     | All media with cardholder data is physically secured.  | •     | Examine documentation.  |   |                      |                           |                   |                 |  |
| 9.4.1.1   | Offline media backups with cardholder data are stored in a secure location.  |       | procedures. Examine logs or other documentation.  |   |                      |                           |                   |                 |  |
|           |  | •     | Interview responsible personnel at the storge location(s).  |   |                      |                           |                   |                 |  |
| 9.4.2     | All media with cardholder data is classified in accordance with the sensitivity of the data.   | •     | Examine documented procedures.  Examine media logs or other documentation.  |   |                      |                           |                   |                 |  |
| 9.4.3     | Media with cardholder data sent outside the facility is secured as follows:  Bullet intentionally left blank for this SAQ.  Media is sent by secured courier or other delivery method that can be accurately tracked.  Bullet intentionally left blank for this SAQ. | •     | Examine documented procedures. Interview personnel. Examine records. Examine offsite tracking logs for all media. |   |                      |                           |                   |                 |  |
| 9.4.4     | Management approves all media with cardholder data that is moved outside the facility (including when media is distributed to individuals).  | •     | Examine documented procedures.  Examine offsite media tracking logs.  Interview responsible personnel.            |   |                      |                           |                   |                 |  |
|           | Applicability Notes (continued)  |       |   |   |                      |                           |                   |                 |  |



|                      | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |  |
|----------------------|--|---|---|----------------------|---------------------------|-------------------|-----------------|--|--|
|                      | , or 200 noquironion.  |   | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>9.4.4</b> (cont.) | Individuals approving media movements should have to authority to grant this approval. However, it is not specified that a specified from the spec |   |   |                      |                           |                   |                 |  |  |
| 9.4.6                | <ul> <li>Hard-copy materials with cardholder data are destroyed when no longer needed for business or legal reasons, as follows:</li> <li>Materials are cross-cut shredded, incinerated, or pulped so that cardholder data cannot be reconstructed.</li> <li>Materials are stored in secure storage containers prior to destruction.</li> </ul>  | <ul> <li>Examine the periodic media destruction policy.</li> <li>Observe processes.</li> <li>Interview personnel.</li> <li>Observe storage containers.</li> </ul> |   |                      |                           |                   |                 |  |  |
|                      | Applicability Notes  These requirements for media destruction when that media is no longer needed for business or legal reasons are separate and distinct from PCI DSS Requirement 3.2.1, which is for   |   |   |                      |                           |                   |                 |  |  |
|                      | securely deleting cardholder data when no longer need retention policies.  | •   |   |                      |                           |                   |                 |  |  |

### SAQ Completion Guidance:

Selection of any of the In Place responses for Requirements at 9.4 means that the merchant securely stores any paper media with account data, for example by storing the paper in a locked drawer, cabinet, or safe, and that the merchant destroys such paper when no longer needed for business purposes. This includes a written document or policy for employees, so they know how to secure paper with account data and how to destroy the paper when no longer needed.

If the merchant never stores any paper with account data, mark this requirement as Not Applicable and complete Appendix D: Explanation of Requirements Noted as Not Applicable.



| PCI DSS Requirement  | Expected Testing   |   |   |  |   | uirement)  |  |
|--|--|---|---|--|---|--|--|
| . 5. 255 (15455  |  | In<br>Place   | In Place<br>with CCW  | In Place with Remediation              | Not<br>Applicable   | Not in<br>Place  |  |
| of-interaction (POI) devices are protected from tampering  | g and unauthorized substitution.   |   |   |  |   |  |  |
| POI devices that capture payment card data via direct physical interaction with the payment card form factor are protected from tampering and unauthorized substitution, including the following:  • Maintaining a list of POI devices.  • Periodically inspecting POI devices to look for tampering or unauthorized substitution.  • Training personnel to be aware of suspicious behavior and to report tampering or | Examine documented policies and procedures.  |   |   |  |   |  |  |
| unauthorized substitution of devices.  Applicability Notes   |  |   |   |  |   |  |  |
| These requirements apply to deployed POI devices u (that is, a payment card form factor such as a card that  | at is swiped, tapped, or dipped). This   |   |   |  |   |  |  |
| This requirement is recommended, but not required, for components such as computer keyboards.  | for manual PAN key-entry   |   |   |  |   |  |  |
|  |  |   |   |  |   |  |  |
| <ul> <li>An up-to-date list of POI devices is maintained, including:</li> <li>Make and model of the device.</li> <li>Location of device.</li> <li>Device serial number or other methods of unique</li> </ul>   | <ul> <li>Examine the list of POI devices.</li> <li>Observe POI devices and device locations.</li> <li>Interview personnel.</li> </ul>  |   |   |  |   |  |  |
|  | POI devices that capture payment card data via direct physical interaction with the payment card form factor are protected from tampering and unauthorized substitution, including the following:  • Maintaining a list of POI devices.  • Periodically inspecting POI devices to look for tampering or unauthorized substitution.  • Training personnel to be aware of suspicious behavior and to report tampering or unauthorized substitution of devices.  Applicability Notes  These requirements apply to deployed POI devices u (that is, a payment card form factor such as a card the requirement is not intended to apply to manual PAN k computer keyboards.  This requirement is recommended, but not required, for components such as computer keyboards.  This requirement does not apply to commercial off-the smartphones or tablets), which are mobile merchantemarket distribution.  An up-to-date list of POI devices is maintained, including:  • Make and model of the device. | POI devices that capture payment card data via direct physical interaction with the payment card form factor are protected from tampering and unauthorized substitution, including the following:  Maintaining a list of POI devices.  Periodically inspecting POI devices to look for tampering or unauthorized substitution.  Training personnel to be aware of suspicious behavior and to report tampering or unauthorized substitution of devices.  Applicability Notes  These requirements apply to deployed POI devices used in card-present transactions (that is, a payment card form factor such as a card that is swiped, tapped, or dipped). This requirement is not intended to apply to manual PAN key-entry components such as computer keyboards.  This requirement is recommended, but not required, for manual PAN key-entry components such as computer keyboards.  This requirement does not apply to commercial off-the-shelf (COTS) devices (for example, smartphones or tablets), which are mobile merchant-owned devices designed for massmarket distribution.  An up-to-date list of POI devices is maintained, including:  Make and model of the device.  Location of device.  Device serial number or other methods of unique   Examine documented policies and procedures.   Examine documented policies and procedures. | Poli devices that capture payment card data via direct physical interaction with the payment card form factor are protected from tampering and unauthorized substitution.  Poli devices that capture payment card data via direct physical interaction with the payment card form factor are protected from tampering and unauthorized substitution, including the following:  Maintaining a list of Pol devices.  Periodically inspecting Pol devices to look for tampering or unauthorized substitution.  Training personnel to be aware of suspicious behavior and to report tampering or unauthorized substitution of devices.  Applicability Notes  These requirements apply to deployed Pol devices used in card-present transactions (that is, a payment card form factor such as a card that is swiped, tapped, or dipped). This requirement is not intended to apply to manual PAN key-entry components such as computer keyboards.  This requirement is recommended, but not required, for manual PAN key-entry components such as computer keyboards.  This requirement does not apply to commercial off-the-shelf (COTS) devices (for example, smartphones or tablets), which are mobile merchant-owned devices designed for massmarket distribution.  An up-to-date list of Pol devices is maintained, including:  Make and model of the device.  Location of device.  Device serial number or other methods of unique  Paxamine documented policies and device locations.  Interview personnel. | ## Place with CCW    In Place with CCW | PCI DSS Requirement  Expected Testing    In Place   In | PCI DSS Requirement  Expected Testing    In   Place   In   Place   with CCW   Remediation   Not   Applicable |  |



|         | PCI DSS Requirement  | Expected Testing  |  | Response* (Check one response for each requirement) |                           |                   |                 |  |  |  |
|---------|--|---|--|---|---------------------------|-------------------|-----------------|--|--|--|
|         | r or boo resquironism  |   |  | In Place with CCW                                   | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |  |
| 9.5.1.2 | POI device surfaces are periodically inspected to detect tampering and unauthorized substitution.  | <ul> <li>Examine documented procedures.</li> <li>Interview responsible personnel.</li> <li>Observe inspection processes.</li> </ul> |  |   |                           |                   |                 |  |  |  |
| 9.5.1.3 | Training is provided for personnel in POI environments to be aware of attempted tampering or replacement of POI devices, and includes:   | Review training materials for<br>personnel in POI<br>environments.  |  |   |                           |                   |                 |  |  |  |
|         | <ul> <li>Verifying the identity of any third-party persons<br/>claiming to be repair or maintenance personnel,<br/>before granting them access to modify or<br/>troubleshoot devices.</li> </ul> | Interview responsible personnel.  |  |   |                           |                   |                 |  |  |  |
|         | <ul> <li>Procedures to ensure devices are not installed,<br/>replaced, or returned without verification.</li> </ul>  |   |  |   |                           |                   |                 |  |  |  |
|         | <ul> <li>Being aware of suspicious behavior around devices.</li> </ul>   |   |  |   |                           |                   |                 |  |  |  |
|         | Reporting suspicious behavior and indications of<br>device tampering or substitution to appropriate<br>personnel.  |   |  |   |                           |                   |                 |  |  |  |

#### SAQ Completion Guidance:

Selection of any of the In Place responses for Requirements at 9.5 means that the merchant has policies and procedures in place for Requirements 9.5.1, 9.5.1.1, 9.5.1.2, and 9.5.1.3, and that they maintain a current list of devices, conduct periodic device inspections, and train employees about what to look for to detect tampered or substituted devices.



# **Regularly Monitor and Test Networks**

## Requirement 10: Log and Monitor All Access to System Components and Cardholder Data

|                   | PCI DSS Requirement   | Expected Testing   | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |  |
|-------------------|---|--|---|----------------------|---------------------------|-------------------|-----------------|--|--|
|                   |   | poo.og   | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>10.1</b> Proce | esses and mechanisms for logging and monitoring all acc   | ess to system components and cardh   | older da  | ta are define        | d and docume              | ented.            |                 |  |  |
| 10.1.1            | All security policies and operational procedures that are identified in Requirement 10 are:  Documented.  Kept up to date.  In use.  Known to all affected parties.   | <ul><li>Examine documentation.</li><li>Interview personnel.</li></ul>                  |   |                      |                           |                   |                 |  |  |
| <b>10.2</b> Audit | logs are implemented to support the detection of anomal   | ies and suspicious activity, and the fo  | rensic ar   | nalysis of ev        | ents.                     |                   |                 |  |  |
| 10.2.1.2          | Audit logs capture all actions taken by any individual with administrative access, including any interactive use of application or system accounts.   | <ul><li>Examine audit log configurations.</li><li>Examine audit log data.</li></ul>    |   |                      |                           |                   |                 |  |  |
| 10.2.1.4          | Audit logs capture all invalid logical access attempts.   | <ul><li>Examine audit log configurations.</li><li>Examine audit log data.</li></ul>    |   |                      |                           |                   |                 |  |  |
| 10.2.1.5          | <ul> <li>Audit logs capture all changes to identification and authentication credentials including, but not limited to:</li> <li>Creation of new accounts.</li> <li>Elevation of privileges.</li> <li>All changes, additions, or deletions to accounts with administrative access.</li> </ul> | <ul> <li>Examine audit log configurations.</li> <li>Examine audit log data.</li> </ul> |   |                      |                           |                   |                 |  |  |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|                 | PCI DSS Requirement  | Expected Testing  |             | Response* (Check one response for each requirement)  In In Place In Place with Not Not in |  |            |                 |  |  |  |
|-----------------|--|---|-------------|---|--|------------|-----------------|--|--|--|
|                 |  |   | In<br>Place | with CCW  |  | Applicable | Not in<br>Place |  |  |  |
| 10.2.2          | <ul> <li>Audit logs record the following details for each auditable event:</li> <li>User identification.</li> <li>Type of event.</li> <li>Date and time.</li> <li>Success and failure indication.</li> <li>Origination of event.</li> <li>Identity or name of affected data, system component, resource, or service (for example, name and protocol).</li> </ul> | <ul> <li>Interview responsible personnel.</li> <li>Examine audit log configurations.</li> <li>Examine audit log data.</li> </ul>    |             |   |  |            |                 |  |  |  |
| <b>10.3</b> Aud | it logs are protected from destruction and unauthorized mo   | odifications.   | ·           |   |  |            |                 |  |  |  |
| 10.3.1          | Read access to audit logs files is limited to those with a job-related need.   | <ul> <li>Interview system<br/>administrators</li> <li>Examine system<br/>configurations and privileges.</li> </ul>                  |             |   |  |            |                 |  |  |  |
| 10.3.2          | Audit log files are protected to prevent modifications by individuals.   | <ul> <li>Examine system configurations and privileges.</li> <li>Interview system administrators.</li> </ul>                         |             |   |  |            |                 |  |  |  |
| 10.3.3          | Audit log files, including those for external-facing technologies, are promptly backed up to a secure, central, internal log server(s) or other media that is difficult to modify.   | Examine backup<br>configurations or log files.  |             |   |  |            |                 |  |  |  |
| 10.3.4          | File integrity monitoring or change-detection mechanisms is used on audit logs to ensure that existing log data cannot be changed without generating alerts.   | <ul> <li>Examine system settings.</li> <li>Examine monitored files.</li> <li>Examine results from monitoring activities.</li> </ul> |             |   |  |            |                 |  |  |  |



|                   | PCI DSS Requirement  | Expected Testing  | (C          | check one re      | Response*<br>sponse for ea |                 | nent) |
|-------------------|--|---|-------------|-------------------|----------------------------|-----------------|-------|
|                   |  | p   | In<br>Place | In Place with CCW | Not<br>Applicable          | Not in<br>Place |       |
| <b>10.4</b> Audit | logs are reviewed to identify anomalies or suspicious acti   | vity.   |             |                   |                            |                 |       |
| 10.4.1            | <ul> <li>The following audit logs are reviewed at least once daily:</li> <li>All security events.</li> <li>Logs of all system components that store, process, or transmit CHD and/or SAD.</li> <li>Logs of all critical system components.</li> <li>Logs of all servers and system components that perform security functions (for example, network security controls, intrusion-detection systems/intrusion-prevention systems (IDS/IPS), authentication servers).</li> </ul> | <ul> <li>Examine security policies and procedures.</li> <li>Observe processes.</li> <li>Interview personnel.</li> </ul>                         |             |                   |                            |                 |       |
| 10.4.1.1          | Automated mechanisms are used to perform audit log reviews.  | <ul><li>Examine log review mechanisms.</li><li>Interview personnel.</li></ul>   |             |                   |                            |                 |       |
|                   | Applicability Notes  |   |             |                   |                            |                 |       |
|                   | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment  | · · · · · · · · · · · · · · · · · · ·   |             |                   |                            |                 |       |
| 10.4.2            | Logs of all other system components (those not specified in Requirement 10.4.1) are reviewed periodically.   | <ul> <li>Examine security policies and procedures.</li> <li>Examine documented results of log reviews.</li> <li>Interview personnel.</li> </ul> |             |                   |                            |                 |       |
|                   | Applicability Notes  |   |             |                   |                            |                 |       |
|                   | This requirement is applicable to all other in-scope syste Requirement 10.4.1.   | em components not included in   |             |                   |                            |                 |       |



|                   | PCI DSS Requirement  | Expected Testing   | (C          | check one <u>re</u>  | Response*                 | ch require <u>m</u> | ent <b>)</b>    |
|-------------------|--|--|-------------|----------------------|---------------------------|---------------------|-----------------|
|                   | r of boo Keyullelliellt  | Expected results   | In<br>Place | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable   | Not in<br>Place |
| 10.4.2.1          | The frequency of periodic log reviews for all other system components (not defined in Requirement 10.4.1) is defined in the entity's targeted risk analysis, which is performed according to all elements specified in Requirement 12.3.1. | <ul> <li>Examine the targeted risk analysis.</li> <li>Examine documented results of periodic log reviews.</li> <li>Interview personnel.</li> </ul>   |             |                      |                           |                     |                 |
|                   | Applicability Notes  |  |             |                      |                           |                     |                 |
|                   | This requirement is a best practice until 31 March 2025, must be fully considered during a PCI DSS assessment  | · · · · · · · · · · · · · · · · · · ·  |             |                      |                           |                     |                 |
| 10.4.3            | Exceptions and anomalies identified during the review process are addressed.   | <ul><li>Examine security policies and procedures.</li><li>Observe processes.</li><li>Interview personnel.</li></ul>  |             |                      |                           |                     |                 |
| <b>10.5</b> Audit | t log history is retained and available for analysis.  |  |             |                      |                           |                     |                 |
| 10.5.1            | Retain audit log history for at least 12 months, with at least the most recent three months immediately available for analysis.  | <ul> <li>Examine documented audit log retention policies and procedures.</li> <li>Examine configurations of audit log history.</li> <li>Examine audit logs.</li> <li>Interview personnel.</li> <li>Observe processes.</li> </ul> |             |                      |                           |                     |                 |
| <b>10.6</b> Time  | -synchronization mechanisms support consistent time set  | tings across all systems.  |             |                      |                           |                     |                 |
| 10.6.1            | System clocks and time are synchronized using time-<br>synchronization technology.   | Examine system configuration settings.   |             |                      |                           |                     |                 |
|                   | Applicability Notes  |  |             |                      |                           |                     |                 |
|                   | Keeping time-synchronization technology current includ patching the technology according to PCI DSS Require  | 5 5  |             |                      |                           |                     |                 |



|        | PCI DSS Requirement   | Expected Testing   | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |
|--------|---|--|---|----------------------|---------------------------|-------------------|-----------------|--|
|        |   | <u> </u>   | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| 10.6.2 | <ul> <li>Systems are configured to the correct and consistent time as follows:</li> <li>One or more designated time servers are in use.</li> <li>Only the designated central time server(s) receives time from external sources.</li> <li>Time received from external sources is based on International Atomic Time or Coordinated Universal Time (UTC).</li> <li>The designated time server(s) accept time updates only from specific industry-accepted external sources.</li> <li>Where there is more than one designated time server, the time servers peer with one another to keep accurate time.</li> <li>Internal systems receive time information only from designated central time server(s).</li> </ul> | Examine system configuration<br>settings for acquiring,<br>distributing, and storing the<br>correct time.  |   |                      |                           |                   |                 |  |
| 10.6.3 | Time synchronization settings and data are protected as follows:  Access to time data is restricted to only personnel with a business need.  Any changes to time settings on critical systems are logged, monitored, and reviewed.  | <ul> <li>Examine system         configurations and time-         synchronization settings and         logs.</li> <li>Observe processes.</li> </ul> |   |                      |                           |                   |                 |  |



# Requirement 11: Test Security of Systems and Networks Regularly

|                  | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|------------------|--|---|---|-------------------|---------------------------|-------------------|-----------------|--|
|                  | . 0. 200 1.04  |   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>11.2</b> Wire | eless access points are identified and monitored, and unauth   | norized wireless access points are a  | ddressed  | l.                |                           |                   |                 |  |
| 11.2.1           | <ul> <li>Authorized and unauthorized wireless access points are managed as follows:</li> <li>The presence of wireless (Wi-Fi) access points is tested for.</li> <li>All authorized and unauthorized wireless access points are detected and identified.</li> <li>Testing, detection, and identification occurs at least once every three months.</li> <li>If automated monitoring is used, personnel are notified via generated alerts.</li> </ul> Applicability Notes | <ul> <li>Examine policies and procedures.</li> <li>Examine the methodology(ies) in use and the resulting documentation.</li> <li>Interview personnel.</li> <li>Examine wireless assessment results.</li> <li>Examine configuration settings.</li> </ul> |   |                   |                           |                   |                 |  |
|                  | The requirement applies even when a policy exists that put technology since attackers do not read and follow compart Methods used to meet this requirement must be sufficient authorized and unauthorized devices, including unauthor that themselves are authorized.  | ny policy.<br>t to detect and identify both   |   |                   |                           |                   |                 |  |
| 11.2.2           | An inventory of authorized wireless access points is maintained, including a documented business justification.  | Examine documentation.  |   |                   |                           |                   |                 |  |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|                   | PCI DSS Requirement  | Expected Testing  | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|-------------------|--|---|---|-------------------|---------------------------|-------------------|-----------------|--|
|                   |  | p   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>11.3</b> Exter | rnal and internal vulnerabilities are regularly identified, prior  | itized, and addressed.  |   |                   |                           |                   |                 |  |
| 11.3.1            | <ul> <li>Internal vulnerability scans are performed as follows:</li> <li>At least once every three months.</li> <li>High-risk and critical vulnerabilities (per the entity's vulnerability risk rankings defined at Requirement 6.3.1) are resolved.</li> <li>Rescans are performed that confirm all high-risk and critical vulnerabilities as noted above) have been resolved.</li> <li>Scan tool is kept up to date with latest vulnerability information.</li> <li>Scans are performed by qualified personnel and organizational independence of the tester exists.</li> </ul> Applicability Notes It is not required to use a QSA or ASV to conduct internal Internal vulnerability scans can be performed by qualified independent of the outton performed by heing appendent of the outton performed by heing a | l, internal staff that are reasonably   |   |                   |                           |                   |                 |  |
|                   | independent of the system component(s) being scanned administrator should not be responsible for scanning the to have internal vulnerability scans performed by a firm s scanning.   | network), or an entity may choose   |   |                   |                           |                   |                 |  |
| 11.3.1.3          | <ul> <li>Internal vulnerability scans are performed after any significant change as follows:</li> <li>High-risk and critical vulnerabilities (per the entity's vulnerability risk rankings defined at Requirement 6.3.1) are resolved.</li> <li>Rescans are conducted as needed.</li> <li>Scans are performed by qualified personnel and organizational independence of the tester exists (not required to be a QSA or ASV).</li> </ul>  | <ul> <li>Examine change control documentation.</li> <li>Interview personnel.</li> <li>Examine internal scan and rescan report as applicable.</li> <li>Interview personnel.</li> </ul> |   |                   |                           |                   |                 |  |
|                   | Applicability Notes  |   |   |                   |                           |                   |                 |  |
|                   | Applicability Note intentionally left blank for this SAQ.  |   |   |                   |                           |                   |                 |  |



|          | PCI DSS Requirement  | Expected Testing  | (C          | heck one re          | Response*<br>sponse for ea | ch requiren       | nent)           |
|----------|--|---|-------------|----------------------|----------------------------|-------------------|-----------------|
|          | . o. god noquinomoni   |   | In<br>Place | In Place<br>with CCW | In Place with Remediation  | Not<br>Applicable | Not in<br>Place |
| 11.3.2   | <ul> <li>External vulnerability scans are performed as follows:</li> <li>At least once every three months.</li> <li>By PCI SSC Approved Scanning Vendor (ASV)</li> <li>Vulnerabilities are resolved and ASV Program Guide requirements for a passing scan are met.</li> <li>Rescans are performed as needed to confirm that vulnerabilities are resolved per the ASV Program Guide requirements for a passing scan.</li> </ul> | Examine ASV scan reports.   |             |                      |                            |                   |                 |
|          | Applicability Notes  For initial PCI DSS compliance, it is not required that four passing scans be completed within 12 months if the assessor verifies: 1) the most recent scan result was a passing scan, 2) the entity has documented policies and procedures requiring scanning at least once every three months, and 3) vulnerabilities noted in the scan results have been corrected as shown in a re-scan(s).            |   |             |                      |                            |                   |                 |
|          |  |   |             |                      |                            |                   |                 |
|          | However, for subsequent years after the initial PCI DSS least every three months must have occurred.   | assessifient, passing scalls at   |             |                      |                            |                   |                 |
|          | ASV scanning tools can scan a vast array of network typ about the target environment (for example, load balance specific configurations, protocols in use, scan interference the ASV and scan customer.  | rs, third-party providers, ISPs,  |             |                      |                            |                   |                 |
|          | Refer to the ASV Program Guide published on the PCI S responsibilities, scan preparation, etc.   | SC website for scan customer  |             |                      |                            |                   |                 |
| 11.3.2.1 | <ul> <li>External vulnerability scans are performed after any significant change as follows:</li> <li>Vulnerabilities that are scored 4.0 or higher by the CVSS are resolved.</li> <li>Rescans are conducted as needed.</li> <li>Scans are performed by qualified personnel and organizational independence of the tester exists (not required to be a QSA or ASV).</li> </ul>   | <ul> <li>Examine change control documentation.</li> <li>Interview personnel.</li> <li>Examine external scan, and as applicable rescan reports.</li> </ul> |             |                      |                            |                   |                 |



|                  | PCI DSS Requirement  | Expected Testing  | (C          | heck one re          |                           | Response* (Check one response for each requirement) |                 |  |  |  |  |
|------------------|--|---|-------------|----------------------|---------------------------|---|-----------------|--|--|--|--|
|                  | . 0. 200 1104  | <u> </u>  | In<br>Place | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable                                   | Not in<br>Place |  |  |  |  |
| <b>11.4</b> Exte | ernal and internal penetration testing is regularly performed,   | and exploitable vulnerabilities and s   | ecurity w   | eaknesses :          | are corrected.            |   |                 |  |  |  |  |
| 11.4.5           | If segmentation is used to isolate the CDE from other networks, penetration tests are performed on segmentation controls as follows:  • At least once every 12 months and after any changes to segmentation controls/methods  • Covering all segmentation controls/methods in use.  • Bullet intentionally left blank for this SAQ.  • Confirming that the segmentation controls/methods are operational and effective, and isolate the CDE from all out-of-scope systems.  • Confirming effectiveness of any use of isolation to separate systems with differing security levels (see Requirement 2.2.3).  • Performed by a qualified internal resource or qualified external third party.  • Organizational independence of the tester exists (not required to be a QSA or ASV). | <ul> <li>Examine segmentation controls.</li> <li>Review penetration-testing methodology.</li> <li>Examine the results from the most recent penetration test.</li> <li>Interview responsible personnel.</li> </ul> |             |                      |                           |   |                 |  |  |  |  |
| <b>11.5</b> Netv | work intrusions and unexpected file changes are detected a   | nd responded to.  |             |                      |                           |   |                 |  |  |  |  |
| 11.5.2           | <ul> <li>A change-detection mechanism (for example, file integrity monitoring tools) is deployed as follows:</li> <li>To alert personnel to unauthorized modification (including changes, additions, and deletions) of critical files.</li> <li>To perform critical file comparisons at least once weekly.</li> </ul>  | <ul> <li>Examine system settings for<br/>the change-detection<br/>mechanism.</li> <li>Examine monitored files.</li> <li>Examine results from<br/>monitoring activities.</li> </ul>                                |             |                      |                           |   |                 |  |  |  |  |
|                  | Applicability Notes (continued)  |   |             |                      |                           |   |                 |  |  |  |  |



|                       | PCI DSS Requirement  | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |  |
|-----------------------|--|--|---|-------------------|---------------------------|-------------------|-----------------|--|--|
| r oi boo Keyunement   |  | Exposion rooming   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |  |
| <b>11.5.2</b> (cont.) | For change-detection purposes, critical files are usually the but the modification of which could indicate a system con Change-detection mechanisms such as file integrity mon configured with critical files for the related operating system those for custom applications, must be evaluated and demerchant or service provider). | npromise or risk of compromise.<br>itoring products usually come pre-<br>em. Other critical files, such as |   |                   |                           |                   |                 |  |  |



## **Maintain an Information Security Policy**

## Requirement 12: Support Information Security with Organizational Policies and Programs

**Note:** Requirement 12 specifies that merchants have information security policies for their personnel, but these policies can be as simple or complex as needed for the size and complexity of the merchant's operations. The policy document must be provided to all personnel so they are aware of their responsibilities for protecting payment terminals, any paper documents with account data, etc. If a merchant has no employees, then it is expected that the merchant understands and acknowledges their responsibility for security within their store(s).

|  | PCI DSS Requirement  | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |  |
|--|--|--|---|-------------------|---------------------------|-------------------|-----------------|--|
|  |  | _npooled rooming   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| 12.1 A comprehensive information security policy that governs and provides direction for protection of the entity's information assets is known and current. |  |  |   |                   |                           | ent.              |                 |  |
| 12.1.1   | <ul> <li>An overall information security policy is:</li> <li>Established.</li> <li>Published.</li> <li>Maintained.</li> <li>Disseminated to all relevant personnel, as well as to relevant vendors and business partners.</li> </ul> | <ul><li>Examine the information security policy.</li><li>Interview personnel.</li></ul>                |   |                   |                           |                   |                 |  |
| 12.1.2   | The information security policy is:  Reviewed at least once every 12 months.  Updated as needed to reflect changes to business objectives or risks to the environment  | <ul> <li>Examine the information security policy.</li> <li>Interview responsible personnel.</li> </ul> |   |                   |                           |                   |                 |  |

#### SAQ Completion Guidance:

Selection of any of the In Place responses for Requirements 12.1.1 and 12.1.2 means that the merchant has a security policy that is reasonable for the size and complexity of the merchant's operations, and that the policy is reviewed at least once every 12 months and updated if needed.

For example, such a policy could be a simple document that covers how to protect the store and payment devices in accordance with the solution provider's guidance/instruction manual, and who to call in an emergency.

<sup>•</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



|                        | PCI DSS Requirement  | Expected Testing  | <u>(</u> C  | check one re      | Response*<br>sponse for ea | ch requirem       | ent)            |
|------------------------|--|---|-------------|-------------------|----------------------------|-------------------|-----------------|
|                        | . To boo requirement   | Exposion rooming  | In<br>Place | In Place with CCW | In Place with Remediation  | Not<br>Applicable | Not in<br>Place |
| 12.1.3                 | <ul> <li>The security policy clearly defines information security roles and responsibilities for all personnel, and all personnel are aware of and acknowledge their information security responsibilities.</li> <li>Examine the information security policy.</li> <li>Interview responsible personnel.</li> <li>Examine documented evidence.</li> </ul>                   |   |             |                   |                            |                   |                 |
| personnel<br>responsib | of any of the In Place responses for Requirement 12.1.3 m<br>I, consistent with the size and complexity of the merchant's<br>illities by employee levels, such as the responsibilities expe  | operations. For example, security rected of a manager/owner and those | sponsibi    | ilities could l   |                            |                   |                 |
| 12.2.1                 | Acceptable use policies for end-user technologies are documented and implemented, including:  • Explicit approval by authorized parties.  • Acceptable uses of the technology.  • List of products approved by the company for employee use, including hardware and software.  Applicability Notes  • Examine acceptable use policies.  • Interview responsible personnel. |   |             |                   |                            |                   |                 |
|                        | Examples of end-user technologies for which acceptable use policies are expected include, but are not limited to, remote access and wireless technologies, laptops, tablets, mobile phones, and removable electronic media, e-mail usage, and Internet usage.  |   |             |                   |                            |                   |                 |



|                  | PCI DSS Requirement   | Expected Testing                            | (C          | Check one re         | Response*                 | ch requirem       | ent)            |
|------------------|---|---|-------------|----------------------|---------------------------|-------------------|-----------------|
|                  | . 61 200 1104   |   | In<br>Place | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |
| <b>12.3</b> Risk | <b>12.3</b> Risks to the cardholder data environment are formally identified, evaluated, and managed.   |   |             |                      |                           |                   |                 |
| 12.3.1           | <ul> <li>Each PCI DSS requirement that provides flexibility for how frequently it is performed (for example, requirements to be performed periodically) is supported by a targeted risk analysis that is documented and includes:</li> <li>Identification of the assets being protected.</li> <li>Identification of the threat(s) that the requirement is protecting against.</li> <li>Identification of factors that contribute to the likelihood and/or impact of a threat being realized.</li> <li>Resulting analysis that determines, and includes justification for, how frequently the requirement must be performed to minimize the likelihood of the threat being realized.</li> <li>Review of each targeted risk analysis at least once every 12 months to determine whether the results are still valid or if an updated risk analysis is needed.</li> <li>Performance of updated risk analyses when needed, as determined by the annual review.</li> </ul> | Examine documented policies and procedures. |             |                      |                           |                   |                 |
|                  | Applicability Notes   |   |             |                      |                           |                   |                 |
|                  | This requirement is a best practice until 31 March 2025, a must be fully considered during a PCI DSS assessment.  | after which it will be required and         |             |                      |                           |                   |                 |



|                  | PCI DSS Requirement   | Expected Testing                                  | Response* (Check one response for each requirement) |                      |                           |                   |                 |  |
|------------------|---|---|---|----------------------|---------------------------|-------------------|-----------------|--|
|                  |   |   | In<br>Place   | In Place<br>with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |  |
| <b>12.6</b> Secu | urity awareness education is an ongoing activity.   |   |   |                      |                           |                   |                 |  |
| 12.6.1           | A formal security awareness program is implemented to make all personnel aware of the entity's information security policy and procedures, and their role in protecting the cardholder data.                                      | Examine the security awareness program.           |   |                      |                           |                   |                 |  |
| SAQ Com          | npletion Guidance:  |   |   |                      |                           |                   |                 |  |
| •                | loyees. Examples of awareness program messaging includ  | •   |   |                      |                           |                   | oro arra        |  |
| _                | ontainers, how to determine whether a payment terminal hareason for any service workers when they arrive to service  Security awareness training includes awareness of threats and vulnerabilities that could impact the security | ·   | 1   | firm the ide         |                           |                   | egitimate       |  |
| business i       | reason for any service workers when they arrive to service  Security awareness training includes awareness of   | payment terminals.     Examine security awareness | 1   | firm the idei        |                           |                   | egitimate       |  |
| business i       | Security awareness training includes awareness of threats and vulnerabilities that could impact the security of the CDE, including but not limited to:  • Phishing and related attacks.   | payment terminals.     Examine security awareness | 1   | firm the idei        |                           |                   | egitimate       |  |



|                  | PCI DSS Requirement  | Expected Testing  |             | Check one re      | Response*<br>esponse for ea |                   | nent)           |
|------------------|--|---|-------------|-------------------|-----------------------------|-------------------|-----------------|
|                  | 1 of 200 Roquillomonic   | Exposion rooming  | In<br>Place | In Place with CCW | In Place with Remediation   | Not<br>Applicable | Not in<br>Place |
| <b>12.8</b> Risk | k to information assets associated with third-party service pro  | ovider (TPSP) relationships is mana   | iged.       |                   |                             |                   |                 |
| 12.8.1           | A list of all third-party service providers (TPSPs) with which account data is shared or that could affect the security of account data is maintained, including a description for each of the services provided.  | <ul><li>Examine policies and procedures.</li><li>Examine list of TPSPs.</li></ul>   |             |                   |                             |                   |                 |
|                  | Applicability Notes  |   |             |                   |                             |                   |                 |
|                  | The use of a PCI DSS compliant TPSP does not make at does it remove the entity's responsibility for its own PCI I  |   |             |                   |                             |                   |                 |
| 12.8.2           | <ul> <li>Written agreements with TPSPs are maintained as follows:</li> <li>Written agreements are maintained with all TPSPs with which account data is shared or that could affect the security of the CDE.</li> <li>Written agreements include acknowledgments from TROP with the country of the c</li></ul> | <ul> <li>Examine policies and procedures.</li> <li>Examine written agreements with TPSPs.</li> </ul>                      |             |                   |                             |                   |                 |
|                  | TPSPs that they are responsible for the security of account data the TPSPs possess or otherwise store, process, or transmit on behalf of the entity, or to the extent that they could impact the security of the entity's CDE.   |   |             |                   |                             |                   |                 |
|                  | Applicability Notes  |   |             |                   |                             |                   |                 |
|                  | The exact wording of an acknowledgment will depend on the agreement between the two parties, the details of the service being provided, and the responsibilities assigned to each party. The acknowledgment does not have to include the exact wording provided in this requirement.   |   |             |                   |                             |                   |                 |
|                  | Evidence that a TPSP is meeting PCI DSS requirements Attestation of Compliance (AOC) or a declaration on a coas a written agreement specified in this requirement.   |   |             |                   |                             |                   |                 |
| 12.8.3           | An established process is implemented for engaging TPSPs, including proper due diligence prior to engagement.  | <ul> <li>Examine policies and procedures.</li> <li>Examine evidence.</li> <li>Interview responsible personnel.</li> </ul> |             |                   |                             |                   |                 |



|        | PCI DSS Requirement  | Expected Testing   | Response* (Check one response for each requirement) |                   |                           |                   |                 |
|--------|--|--|---|-------------------|---------------------------|-------------------|-----------------|
|        | r or boo resquiromone  | Exposion rooming   | In<br>Place   | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in<br>Place |
| 12.8.4 | A program is implemented to monitor TPSPs' PCI DSS compliance status at least once every 12 months.  | <ul> <li>Examine policies and procedures.</li> <li>Examine documentation.</li> <li>Interview responsible personnel.</li> </ul>   |   |                   |                           |                   |                 |
|        | Applicability Notes  |  |   |                   |                           |                   |                 |
|        | behalf of the entity (for example, via a firewall service), the to make sure the applicable PCI DSS requirements are n   | entity has an agreement with a TPSP for meeting PCI DSS requirements on he entity (for example, via a firewall service), the entity must work with the TPSP ure the applicable PCI DSS requirements are met. If the TPSP does not meet licable PCI DSS requirements, then those requirements are also "not in place" for |   |                   |                           |                   |                 |
| 12.8.5 | Information is maintained about which PCI DSS requirements are managed by each TPSP, which are managed by the entity, and any that are shared between the TPSP and the entity. | <ul> <li>Examine policies and procedures.</li> <li>Examine documentation.</li> <li>Interview responsible personnel.</li> </ul>   |   |                   |                           |                   |                 |

### SAQ Completion Guidance:

Selection of any of the In Place responses for requirements at 12.8.1 through 12.8.5 means that the merchant has a list of, and agreements with, service providers they share account data with or that could impact the security of the merchant's cardholder data environment. For example, such agreements would be applicable if a merchant uses a document-retention company to store paper documents that include account data or if a merchant's vendor accesses merchant systems remotely to perform maintenance.



| PCI DSS Requirement                 |  | Expected Testing   | (0                       | Check one re                   | Response*<br>esponse for ea       |                           | nent)             |
|-------------------------------------|--|--|--------------------------|--------------------------------|-----------------------------------|---------------------------|-------------------|
|                                     | r or boo resquironism  |  | In<br>Place              | In Place with CCW              | In Place with Remediation         | Not<br>Applicable         | Not in<br>Place   |
| <b>12.10</b> Sus                    | spected and confirmed security incidents that could impact   | the CDE are responded to immediat  | ely.                     |                                |                                   |                           |                   |
| 12.10.1                             | <ul> <li>An incident response plan exists and is ready to be activated in the event of a suspected or confirmed security incident. The plan includes, but is not limited to:</li> <li>Roles, responsibilities, and communication and contact strategies in the event of a suspected or confirmed security incident, including notification of payment brands and acquirers, at a minimum.</li> </ul> | <ul> <li>Examine the incident response plan.</li> <li>Interview personnel.</li> <li>Examine documentation from previously reported incidents.</li> </ul> |                          |                                |                                   |                           |                   |
|                                     | <ul> <li>Incident response procedures with specific<br/>containment and mitigation activities for different<br/>types of incidents.</li> </ul>   |  |                          |                                |                                   |                           |                   |
|                                     | Business recovery and continuity procedures.   |  |                          |                                |                                   |                           |                   |
|                                     | <ul><li>Data backup processes.</li><li>Analysis of legal requirements for reporting compromises.</li></ul>   |  |                          |                                |                                   |                           |                   |
|                                     | Coverage and responses of all critical system components.  |  |                          |                                |                                   |                           |                   |
|                                     | <ul> <li>Reference or inclusion of incident response<br/>procedures from the payment brands.</li> </ul>  |  |                          |                                |                                   |                           |                   |
| Selection<br>used for e<br>the back | mpletion Guidance: of any of the In Place responses for Requirement 12.10.1 in the emergencies, consistent with the size and complexity of the office that lists who to call in the event of various situations response plan including backup "hotsite" facilities and thorousency.   | merchant's operations. For example with an annual review to confirm it is  | e, such a<br>s still acc | plan could l<br>curate, but co | be a simple do<br>ould extend all | ocument pos<br>the way to | sted in<br>a full |
| 12.10.3                             | Specific personnel are designated to be available on a 24/7 basis to respond to suspected or confirmed security incidents.   | Interview responsible personnel.     Examine documentation.  |                          |                                |                                   |                           |                   |



## **Appendix A: Additional PCI DSS Requirements**

### Appendix A1: Additional PCI DSS Requirements for Multi-Tenant Service Providers

This Appendix is not used for merchant assessments.

# Appendix A2: Additional PCI DSS Requirements for Entities using SSL/Early TLS for Card-Present POS POI Terminal Connections

|                | PCI DSS Requirement  | Expected Testing   | (1       | Check one re      | Response *                | h requiremer      | nt <b>)</b>  |
|----------------|--|--|----------|-------------------|---------------------------|-------------------|--------------|
|                | 1.51.50.11.4   |  | In Place | In Place with CCW | In Place with Remediation | Not<br>Applicable | Not in Place |
| <b>A2.1</b> PC | OI terminals using SSL and/or early TLS are not suscept  |  |          |                   |                           |                   |              |
| A2.1.1         | Where POS POI terminals at the merchant or payment acceptance location use SSL and/or early TLS, the entity confirms the devices are not susceptible to any known exploits for those protocols.  | Examine documentation<br>(for example, vendor<br>documentation,<br>system/network<br>configuration details) that<br>verifies the devices are<br>not susceptible to any<br>known exploits for<br>SSL/early TLS. |          |                   |                           |                   |              |
|                | Applicability Notes  |  |          |                   |                           |                   |              |
|                | This requirement is intended to apply to the entity with the POS POI terminal, such as a merchant. This requirement is not intended for service providers who serve as the termination or connection point to those POS POI terminals. Requirements A2.1.2 and A2.1.3 apply to POS POI service providers.          |  |          |                   |                           |                   |              |
|                | A2.1.2 and A2.1.3 apply to POS POI service providers.  The allowance for POS POI terminals that are not currently susceptible to exploits is based on currently known risks. If new exploits are introduced to which POS POI terminals are susceptible, the POS POI terminals will need to be updated immediately. |  |          |                   |                           |                   |              |

<sup>\*</sup> Refer to the "Requirement Responses" section (page v) for information about these response options.



### Appendix A3: Designated Entities Supplemental Validation (DESV)

This Appendix applies only to entities designated by a payment brand(s) or acquirer as requiring additional validation of existing PCI DSS requirements. Entities required to validate to this Appendix should use the DESV Supplemental Reporting Template and Supplemental Attestation of Compliance for reporting, and consult with the applicable payment brand and/or acquirer for submission procedures.



## **Appendix B: Compensating Controls Worksheet**

This Appendix must be completed to define compensating controls for any requirement where In Place with CCW was selected.

**Note:** Only entities that have a legitimate and documented technological or business constraint can consider the use of compensating controls to achieve compliance.

Refer to Appendices B and C in PCI DSS for information about compensating controls and guidance on how to complete this worksheet.

### **Requirement Number and Definition:**

|    |   | Information Required  | Explanation |
|----|---|---|-------------|
| 1. | Constraints                               | Document the legitimate technical or business constraints precluding compliance with the original requirement.                        |             |
| 2. | Definition of<br>Compensating<br>Controls | Define the compensating controls: explain how they address the objectives of the original control and the increased risk, if any.     |             |
| 3. | Objective                                 | Define the objective of the original control.   |             |
|    |   | Identify the objective met by the compensating control.   |             |
|    |   | <b>Note:</b> This can be, but is not required to be, the stated Customized Approach Objective listed for this requirement in PCI DSS. |             |
| 4. | Identified Risk                           | Identify any additional risk posed by the lack of the original control.   |             |
| 5. | Validation of<br>Compensating<br>Controls | Define how the compensating controls were validated and tested.   |             |
| 6. | Maintenance                               | Define process(es) and controls in place to maintain compensating controls.   |             |



# Appendix C: Explanation of Requirements Noted as In Place with Remediation

This Appendix must be completed for each requirement where In Place with Remediation was selected.

| Requirement          | Describe why the requirement was initially not in place          | Describe 1) how testing and evidence<br>demonstrates that the control failure was<br>addressed and 2) what has been<br>implemented to prevent re-occurrence of<br>the control failure |
|----------------------|--|---|
| Example:             |  |   |
| Requirement<br>5.3.2 | The anti-malware solution stopped performing automatic scanning. | Entity identified why the automatic scanning stopped. Process was implemented to rectify previous failure and an alert was added to notify admin of any future failures.              |
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# Appendix D: Explanation of Requirements Noted as Not Applicable

This Appendix must be completed for each requirement where Not Applicable was selected.

| Requirement       | Reason Requirement is Not Applicable        |  |  |
|-------------------|---|--|--|
| Example:          |   |  |  |
| Requirement 3.5.1 | Account data is never stored electronically |  |  |
|                   |   |  |  |
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# Appendix E: Explanation of Requirements Noted as Not Tested

This Appendix is not used for SAQ C merchant assessments.



## **Section 3: Validation and Attestation Details**

### Part 3. PCI DSS Validation

This AOC is based on results noted in SAQ C (Section 2), dated (Self-assessment completion date YYYY-MM-DD).

Based on the results documented in the SAQ C noted above, each signatory identified in any of Parts 3b–3d, as applicable, assert(s) the following compliance status for the merchant identified in Part 2 of this document.

| _  |      |        |     |
|----|------|--------|-----|
| SO | lect | $\sim$ | no: |
| 26 |      | u      | 16. |

| Affected Requirement   | Details of how legal constraint prevents requirement from being met   |  |  |
|--|---|--|--|
| This option requires additional review from the entity to which this AOC will be submitted. <i>If selected, complete the following:</i>  |   |  |  |
| Compliant but with Legal exception: One or more requirements in the PCI DSS SAQ are marked as Not in Place due to a legal restriction that prevents the requirement from being met and all other requirements are marked as being either 1) In Place, 2) In Place with Remediation, or 3) Not Applicable, resulting in an overall COMPLIANT BUT WITH LEGAL EXCEPTION rating; thereby (Merchant Company Name) has demonstrated compliance with all PCI DSS requirements included in this SAQ except those noted as Not in Place due to a legal restriction. |   |  |  |
| A merchant submitting this form  | n with a Non-Compliant status may be required to complete the Action<br>Confirm with the entity to which this AOC will be submitted <i>before</i>   |  |  |
| Non-Compliant: Not all sections of the PCI DSS SAQ are complete, or one or more requirements are marked as Not in Place, resulting in an overall NON-COMPLIANT rating; thereby (Merchant Company Name) has not demonstrated compliance with the PCI DSS requirements included in this SAQ.  Target Date for Compliance: YYYY-MM-DD   |   |  |  |
| either 1) In Place, 2) In Place w COMPLIANT rating; thereby (M   | <b>Compliant:</b> All sections of the PCI DSS SAQ are complete and all requirements are marked as being either 1) In Place, 2) In Place with Remediation, or 3) Not Applicable, resulting in an overall <b>COMPLIANT</b> rating; thereby ( <i>Merchant Company Name</i> ) has demonstrated compliance with all PCI DSS requirements included in this SAQ. |  |  |



| Part 3a. Merchant Acknowledgement                             |  |  |                     |  |
|---|--|--|---------------------|--|
| Signatory(s) confirms: (Select all that apply)                |  |  |                     |  |
|   | PCI DSS Self-Assessment Questionnaire C, Version 4.0 was completed according to the instructions therein.  |  |                     |  |
|   | All information within the above-referenced SAQ and in this attestation fairly represents the results of the merchant's assessment in all material respects. |  |                     |  |
|   | PCI DSS controls will be maintained at all times, as applicable to the merchant's environment.   |  |                     |  |
| Part  | 3b. Merchant Attestation   |  |                     |  |
|   |  |  |                     |  |
| Signa   | ature of Merchant Executive Officer ↑  |  | Date: YYYY-MM-DD    |  |
| Merc  | hant Executive Officer Name:   |  | Title:              |  |
| Part  | 3c. Qualified Security Assessor (C   | QSA) Acknowledge                             | ment                |  |
|   | QSA was involved or assisted with  | Ι_   | testing procedures. |  |
| this assessment, indicate the role performed:                 |  | QSA provided other assistance.               |                     |  |
|   |  | If selected, describe all role(s) performed: |                     |  |
|   |  |  |                     |  |
| Signature of Lead QSA ↑                                       |  |  | Date: YYYY-MM-DD    |  |
| Lead QSA Name:  |  |  |                     |  |
|   |  |  |                     |  |
| Signature of Duly Authorized Officer of QSA Company ↑         |  |  | Date: YYYY-MM-DD    |  |
| Duly Authorized Officer Name:                                 |  | QSA Company:                                 |                     |  |
| Part 3d. PCI SSC Internal Security Assessor (ISA) Involvement |  |  |                     |  |
|   | ISA(s) was involved or assisted with   | ☐ ISA(s) performed testing procedures.       |                     |  |
|   | assessment, indicate the role<br>rmed:   | ☐ ISA(s) provided other assistance.          |                     |  |
|   | If selected, describe all role(s) performed:   |  |                     |  |

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### Part 4. Action Plan for Non-Compliant Requirements

Only complete Part 4 upon request of the entity to which this AOC will be submitted, and only if the Assessment has a Non-Compliant status noted in Section 3.

If asked to complete this section, select the appropriate response for "Compliant to PCI DSS Requirements" for each requirement below. For any "No" responses, include the date the merchant expects to be compliant with the requirement and a brief description of the actions being taken to meet the requirement.

| PCI DSS Requirement * | Description of Requirement  | Compliant to PCI DSS Requirements (Select One) |    | Remediation Date and Actions (If "NO" selected for any |
|-----------------------|---|--|----|--|
|                       |   | YES  | NO | Requirement)   |
| 1                     | Install and maintain network security controls  |  |    |  |
| 2                     | Apply secure configurations to all system components  |  |    |  |
| 3                     | Protect stored account data   |  |    |  |
| 4                     | Protect cardholder data with strong cryptography during transmission over open, public networks                 |  |    |  |
| 5                     | Protect all systems and networks from malicious software  |  |    |  |
| 6                     | Develop and maintain secure systems and software  |  |    |  |
| 7                     | Restrict access to system components and cardholder data by business need to know                               |  |    |  |
| 8                     | Identify users and authenticate access to system components   |  |    |  |
| 9                     | Restrict physical access to cardholder data   |  |    |  |
| 10                    | Log and monitor all access to system components and cardholder data   |  |    |  |
| 11                    | Test security systems and networks regularly  |  |    |  |
| 12                    | Support information security with organizational policies and programs  |  |    |  |
| Appendix A2           | Additional PCI DSS Requirements for Entities using SSL/Early TLS for Card-Present POS POI Terminal Connections. |  |    |  |

<sup>\*</sup> PCI DSS Requirements indicated above refer to the requirements in Section 2 of this SAQ.











