

Firewall Reviews

Requirement 1.1.7

A firewall serves to secure all network traffic and blocks unwanted data transmission. A correct configuration of the firewall is essential to successfully prevent possible attacks from the internet, for example. The firewall rulesets should therefore be regularly checked for unnecessary, outdated or incorrect rules.

Tip for Your PCI DSS Certification

The PCI DSS standard regulates the operation of a firewall environment to protect cardholder data in the first main requirement.

Among other things, requirement 1.1.7 of the PCI DSS standard demands that companies check all firewalls that fall within the PCI DSS scope every six months. The usd technical report and your vulnerability remediation documentation satisfy PCI DSS requirement 1.1.7.

Satisfying PCI DSS Requirement 1.1.7

If routers fall into the PCI DSS scope, they must also be checked according to requirement 1.1.7. We are happy to make you an individual offer.



How We Proceed

We check the configuration and rulesets of your firewall against the requirements of the PCI DSS. During the initial kick-off meeting, we get to know your environment and together with you define unsecure ports or port ranges for the firewall review. The possible security risks are classified into security levels for evaluation.

If your environment remains unchanged, an initial kick-off meeting is no longer necessary for subsequent firewall reviews. The subsequent review of the firewall configuration and rulesets takes place in the usd offices and may be complemented by telephone and web conferences. We document deviations from the PCI DSS and security issues for you in a technical report which, among other things, recommends measures to you.

Price/Scope

The scope of this service is determined individually. It depends, for example, on the object of the assessment. Please contact us! We would be happy to make you an individual offer.

How We Proceed - Phases



Kick-Off

The preparation of the first firewall review takes place within the framework of a kick-off meeting on your premises. We inform you about our procedure model and coordinate the general conditions with you.



Analysis

The analysis is conducted in the usd offices and may be supplemented by telephone and web conferences. We check the following points:

- Firewall configuration, including user settings and logging
- Review of firewall rules for, for example, unsecure ports, port ranges that are too broad and undocumented rules

The configuration and rules are checked by analysing the configuration files/exported files from the firewall that you make available to us. Additional interviews may be conducted with the administrators.



Report

Deviations from the PCI DSS standard and security problems are documented by us and made available in the form of a detailed catalogue of measures.



Remediation

Based on our recommendations, you correct the identified deviations and document them until the next firewall review. If you have any questions, we will be happy to support you with optional consulting services.

This product sheet will be valid until a new version is released. *Creation date: 19/03/2018*

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