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PCI DSS Version 3.2 Continuous Compliance and Audit Readiness

Compliance challenges grow with the number of data breaches

Every enterprise in every industry has compliance requirements for industry regulations and internal policies and best practices. The Payment Card Industry (PCI) Data Security Standard (DSS) is one of the most wide-reaching standards since virtually every enterprise has individuals or organizations conducting transactions that accept, process or receive payments. Whether safeguarding payment information is an integral part of the core business – as in online retail and financial services – or an important aspect of the core business (such as internal purchasing departments, consumer payments for services provided in the public and private sector), compliance with PCI DSS is essential.

The PCI DSS standard is updated periodically to address growing cyber threats to customer payment information and enterprises must keep pace. Yet, according to Help Net Security[1], enforcing compliance and readiness for internal and external audits is certainly a challenge and crucial to the bottom line. This has been acutely apparent with recent breaches spanning international borders that were directly linked to lack of compliance with current PCI DSS network security standards.

> **Only 27.9%**
> of organizations are able to maintain compliance with the PCI DSS

The Tufin Solution for PCI DSS

Continuous Compliance & Audit Readiness

IT managers and PCI internal auditors must perform periodic audits every 6 months. It is not feasible for network security teams to manually integrate new policies, management, and testing required for compliance, while maintaining business-as-usual. The numerous security devices (firewalls, routers and others) manage hundreds to thousands of rules which add up to an extremely complex enterprise network environment. Maintaining continuous compliance with the latest PCI DSS version requires the right set of tools and automated solutions.

Tufin Orchestration Suite™ helps organizations meet the various PCI DSS network security requirements simply and efficiently with full accountability and documented processes. Tufin's security policy orchestration and automation supports a wide range of technologies and integrations end-to-end across the enterprise, spanning physical networks and hybrid cloud platforms. The Tufin Orchestration Suite includes TLS support for encrypting communications between internal processes, as required for PCI DSS v3.2 compliance.

Benefits

Tufin Orchestration Suite™ maintains continuous compliance with PCI DSS v3.2

- Reduces time and effort required for audit readiness by up to 70%
- Implements compliant network security changes in minutes instead of days
- Increases control with a centralized console for defining network zones and managing segmentation
- Performs proactive risk analysis to avoid compliance and security policy violations
- Leverages flexible, customizable workflows for full integration into enterprise ITSM processes
- Provides automated provisioning and end-to-end orchestration for multi-vendor environments to reduce complexity and human error

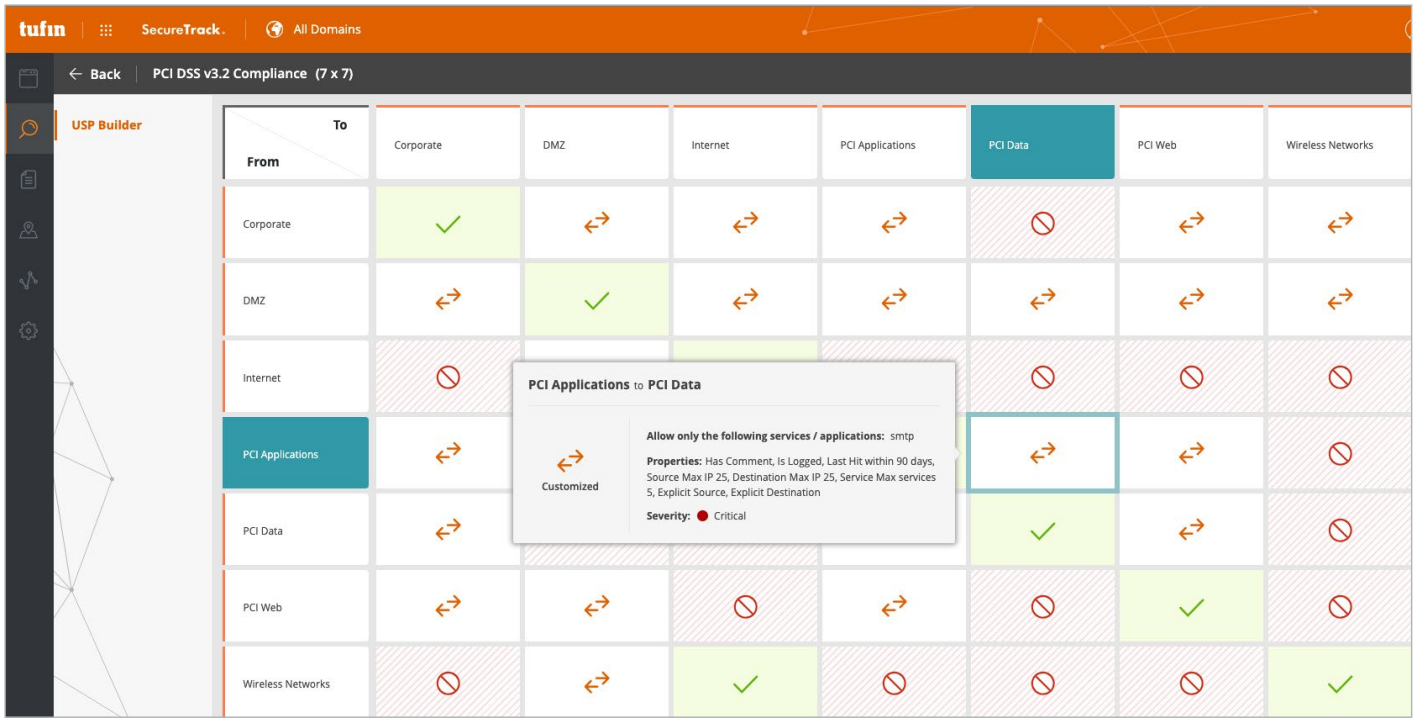
1 Reference: https://www.helpnetsecurity.com/2020/10/08/maintain-compliance-pci-dss/

Enterprises benefit from Tufin's orchestration of an automated policy compliance process with continuous change tracking and alerting. Tufin monitors all security policy changes; it performs proactive risk analysis by checking for PCI DSS compliance automatically, and alerts to potential violations before changes are implemented, and in advance of upcoming audits. Automated change and approval workflows enforce compliance policies including segmentation requirements and separation of duties, as well network access life-cycle management. By maintaining a state of continuous compliance and audit readiness for PCI DSS, IT and security managers and their teams are freer to focus on network security challenges.

Using the Right Network Security Tools for Quick Visibility and Remediation

Tufin's PCI DSS v3.2 solution manages change and approval processes that integrate seamlessly and can be fully customized for your current enterprise ITSM process. Tufin's PCI DSS audit report and other documentation make it easy to prepare quickly and thoroughly for an internal or external audit with an accurate record of who made changes, for full accountability.

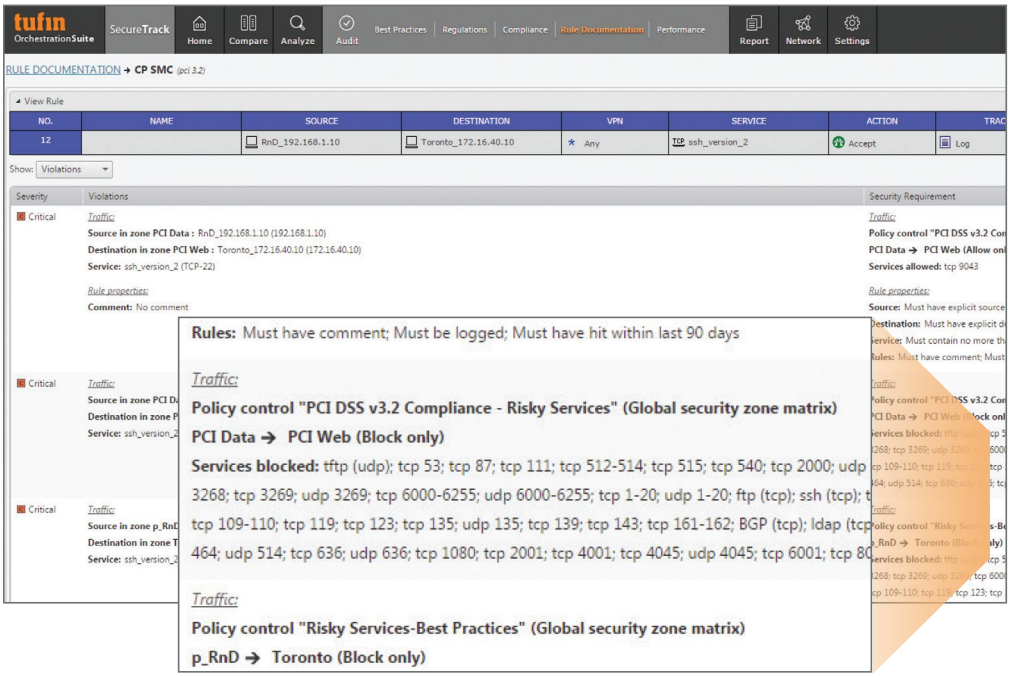
Proper network segmentation must be addressed from the start, and is strongly recommended by the PCI DSS Council. Tufin's Unified Security Policy (USP) matrix provides a robust, yet simple method of enforcing network segmentation and zones, which can reduce the attack surface as well as scope and cost of compliance.



The USP Security Zone Matrix for enforcing PCI DSS compliance

Reducing PCI DSS Audit Preparation Time By Up To 70%

Establishing PCI DSS compliance can be extremely resource-intensive. For most enterprises, the many tasks involved in manually documenting, tracking and auditing network security procedures can take weeks. With the Tufin Orchestration Suite, enterprises can substantially reduce the time and cost of PCI DSS compliance. Tufin's solution typically reduces audit preparation time by up to 70% through continuous compliance with the PCI DSS standard. With Tufin's solution, IT operations, PCI internal auditors and security teams are able to do more with their existing resources.



Tufin's PCI DSS rule documentation report

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About Tufin

Tufin (NYSE: TUFN) simplifies management of some of the largest, most complex networks in the world, consisting of thousands of firewall and network devices and emerging hybrid cloud infrastructures. Enterprises select the company's Tufin Orchestration Suite™ to increase agility in the face of ever-changing business demands while maintaining a robust security posture. The Suite reduces the attack surface and meets the need for greater visibility into secure and reliable application connectivity. With over 2,000 customers since its inception, Tufin's network security automation enables enterprises to implement changes in minutes instead of days, while improving their security posture and business agility.

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