tufin The Security Policy Company.

MASSACHUSETTS

Case Study

Blue Cross Blue Shield of Massachusetts - Empowering a Lean Security Team with Tufin

The Challenge

The network security team at Massachusetts' largest health insurer[1], Blue Cross Blue Shield of MA (BCBSMA), has a wide range of network responsibilities that includes implementing Software Defined Networks (SDNs), managing migrations, applying effective security controls, and maintaining business-critical network connectivity. With 95% of BCBSMA's workforce dependent on this infrastructure to work effectively from home, the network security team must ensure its infrastructure is always up and running. The team set out to improve its security posture by automating policy management and more proactively identifying security risks through centralized visibility and control across its multi-vendor, hybrid network.

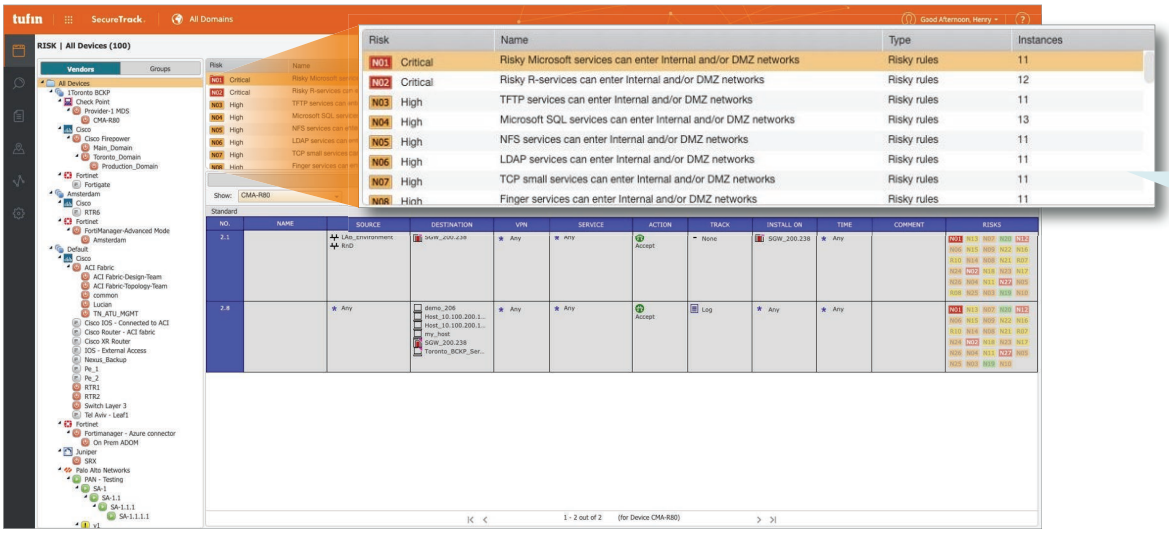
Why Tufin

Like other large organizations, BCBSMA maintains a complex network of on-premises, SDN and public cloud environments with firewalls from multiple vendors. It must manage adherence to its own security standards as well as regulatory standards. BCBSMA has been able to quickly identify risky configurations and manage security policies with Tufin Orchestration Suite.

The Results

Continuous Compliance with Regulatory Standards

BCBSMA leverages Tufin to identify rules that violate compliance or business standards as well as proactively protect against new, risky requests. The network security team is alerted when risks are found via Tufin's real-time continuous monitoring, and regularly checks Tufin's security risk reports. These measures empower the team to proactively identify high and critical risks for immediate remediation, and flag medium-severity risks for less urgent remediation.



View of rules deemed critical or high risk, providing drill down to the device, the rule and its instances

Screenshot of a risk report showing for all devices, SDNs and public clouds the rules deemed critical or high risk, providing drill down to the device, the rule and its instances.

1 https://tinyurl.com/y29pcmoa

In addition, the information that Tufin SecureTrack makes available provides visibility into the organization's firewall and security group policies, and makes it is easy to identify risky rules and services. With SecureTrack's topology and traffic visibility, the network security team can determine which rules can be eliminated with confidence that connectivity is not disrupted.

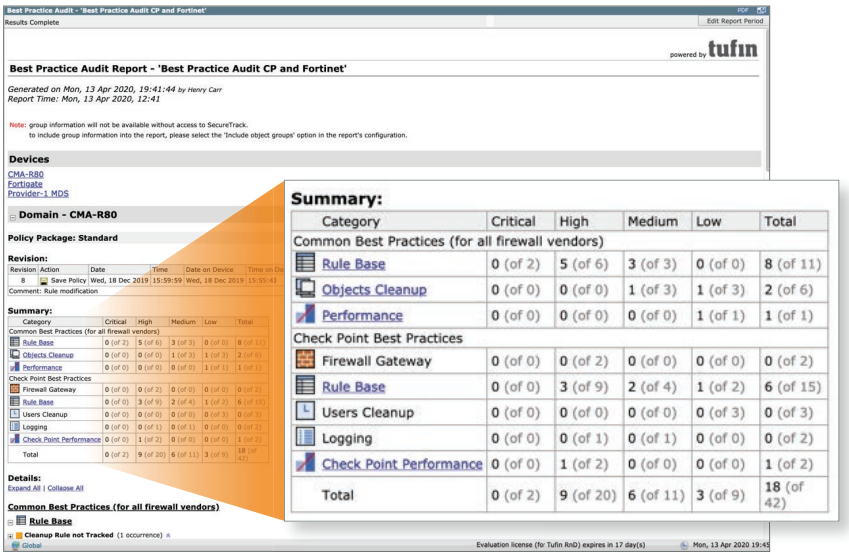
Proactively Report on Risks

BCBSMA's network security team scores the organization regularly against benchmarks and industry standards, and provides BCBSMA's CIO, CISO, and board of directors with visibility into the organization's security risk. At monthly meetings, the team presents metrics via reports that include policy compliance status, change reports, risks mitigated and benchmark scores.

Proactively Manage Audit Readiness

BCBSMA also consistently assesses its policies against its security policy benchmark to proactively identify and remediate non-compliant policies. Proactively managing its audit score in turn empowers the team to monitor and modify connections that will impact its rule base or audit performance, such as permissiveness, redundant rules, shadowed rules, inactive rules, or rules that have large numbers of IP addresses. This helps ensure the team is ready to pass its next audit, and is proactively managing its security posture.

When the security team changes any firewall, SDN or security group policy, it uses Tufin's policy and change tracking tool to quickly understand what was changed and whether connectivity was removed inadvertently. This visibility makes it easy to rolling back changes, and determine whether a new risk was inadvertently introduced.



Screenshot of the Best Practices Audit Report which identifies critical, high, medium and low risk policies for a specified (set of) devices, zones or domains.

With Tufin's security policy orchestration suite, BCBSMA has tightened its firewall and security group policy management, optimized security policies, and is able to proactively identify and manage network security risks across its complex, multi-vendor, heterogenous network. By leveraging Tufin's automation, BCBSMA's small network security team can accomplish all this efficiently.

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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