Firewall Health Check

Keeping your internet boundaries safe and secure from outside attackers is imperative for any organisation trying to stay safe in today's world. There are a number of ways to achieve this objective but it's important that organisations don't forget their first point of contact with the internet: the firewall.

Firewalls are your gateway to the internet and have an exceptionally important role to play in ensuring that traffic entering, transiting, and exiting the network is as safe and secure as possible. But firewalls are frequently overlooked because everyone assumes they are working properly. That can be a dangerous assumption to make.

The Service

To ensure you are getting the best protection from your firewalls, MTI can conduct a health check of any firewall to ensure it is configured to vendor best practice and conforms to good security practice, in terms of how it is configured and positioned within the network.

MTI's Firewall Health Check Service provides a comprehensive report detailing any security issues on a firewall or firewall cluster that should be considered for remediation. The issues are ordered by how critical they are, allowing you to plan remediation dependent on their severity and your risk appetite.

Stage 1
Testing

The Firewall Health Check Service will review:

• all firewall feature elements (in-service and disabled).

• management access methods and security,

• policy and rule strength and complexity.

• firmware versioning.

• protocol adoption.

• cipher suite support.

Testing will consist of an automated configuration review using industry leading software purpose-built for the firewall market and a manual review of configuration files and device management interfaces. The combined automated and manual approach is designed to provide the most comprehensive and cost-effective means of identifying any issues within the firewall configuration.

Stage 2
Reporting

MTI's service provides a formal summary report that details issues and recommended actions, including severity ratings and CVSS scoring where appropriate. A supplementary HTML report includes specific information for each issue identified by the automated testing.

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Outcomes & Benefits

The service delivers the following outcomes:

· A thorough examination and test of your firewalls.

· Details weak points in your firewalls, their configuration and ruleset, that comprise a threat to the integrity of your infrastructure.

· Outlines where elements of your firewalls are configured correctly and securely.

· Provides peace of mind by highlighting how issues with your firewalls can be addressed.

Deliverables

The firewall health check service provides:

· A formal report that presents an overview of your firewalls and what needs to be done.

· Details issues with your firewalls and outlines recommended actions to fix them.

· A supplementary report that provides specific information on each issue identified by automated testing.

Why MTI?

MTI has been helping customers become more secure for more than 20 years. We are experts within the firewall market, having dealt with the design, installation, configuration, support, and maintenance of devices from multiple firewall vendors in complex environments since 1997.

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