Firewall Security Review – Data Sheet

Any organisation's firewall is typically the first line of defence from external threats, but most are installed on a 'set and forget' basis. Business needs change over time and configuration such as firewall rules, objects and user accounts are all added 'on the fly'. The result of this is rules falling out of date and out of compliance, the firewall becomes more difficult to manage and troubleshoot, and performance can also be affected. Fundamentally, the firewall becomes much less secure. A Firewall Security Review should therefore be an important part of your security vulnerability management activities.

Our Process

Our Firewall Security Review is an in-depth assessment of the security and performance of your stateful firewall or next-generation firewall. We review system performance metrics, management plane configuration and the security of the running rule set and compare these with industry best practice and vendor hardening guides. The customer is provided with a written report covering the findings and recommendations in order of priority.

What we do

The deliverable of this service is a written report document containing all findings and associated recommendations. The contents of this report includes but is not limited to the sections mentioned below

- Confirm if the device is on the latest stable version of firmware with all of the latest patches and hot fixes applied.
- If the firewall contains next-generation features, confirm that the intrusion signatures, malware fingerprints and URL databases are up to date.
- Confirm secure configuration to best practice on the management plane of the device.
- Confirm users and roles are properly defined in line with the business requirements.
- Confirm that the device's control/data plane is configured to best practice in line with the business requirements.
- Inspect and offer recommendation on existing firewall change control procedure (if appropriate).

Our Methodology

At the outset of the engagement, our consultant will gather information to learn more about your organisation. This includes your size, geographic locations, nature of your business, your IT infrastructure and your working practices. This enables us to tailor our recommendations to your business as appropriate.

The review is undertaken using a combination of manual techniques and using non-intrusive tools to help assess your firewall configuration.

About Voyager

Voyager Networks is an IT Solutions business delivering a range of innovative solutions to its many clients across a wide range of public and private organisations. Solutions can be provided on-premise, from a data centre or in a hybrid environment to best suit business needs. Additionally, working in partnership with a number of finance houses, we can provide both Capex and flexible Opex purchasing models.

In summary we make complex networking and communication technologies simple to deploy and support **– IT MADE SIMPLE.**