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Our IQ is your security

Traffic IQ Professional - Product Sheet

Traffic IQ Professional from idappcom

Network assessment technology enabling users to audit and validate the capabilities of their network security defences.

Audit and validate the capabilities of your network based security defences, in a safe and controlled way, maximising defensive capabilities and lowering risk to your organisation.

When used with the Easy Rules Selector, the security enhancement technology will significantly raise the security bar by applying high quality security rules to increase performance, enhance threat detection and extend the life of your existing security devices.
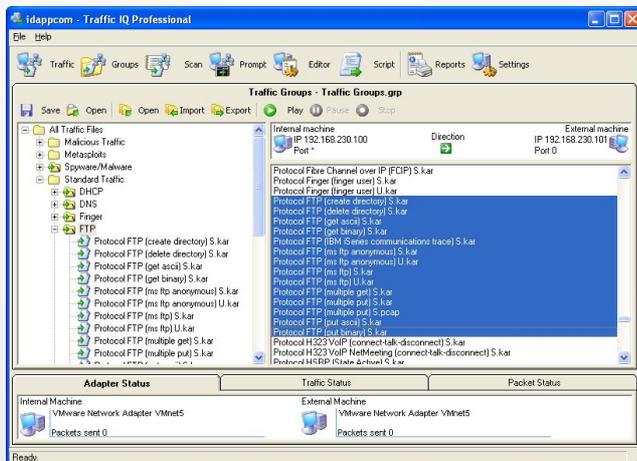
Traffic IQ Professional - Network security assessment

Key Advantages

Threats and Exploits
Audit and validate your security's ability to mitigate threats in a safe and controlled way.

Standard Protocols
Audit your application layer firewalls and prove their effectiveness.

Automation
The integrated command line interface makes automation simple.

Advanced Transmission
Traffic IQ Professionals advanced transmission capabilities support network and port address translation, random sequence number generation and smart application layer-payload processing.

Overview

Traffic IQ Professional is a unique industry approved software solution for auditing and verifying the recognition and response capabilities of your corporate security defences.

The application enables security professionals to quickly and easily audit and validate the behaviour of security devices by generating standard application traffic or attack traffic between two network adapters.

The unique features and packet transmission capabilities of Traffic IQ Professional make the task of reliably auditing, validating and proving security compliance very easy and quick to complete.

Traffic IQ Professional is extremely versatile and can be used to accomplish numerous security audit and compliance tasks including:

- Regulatory compliance auditing
- Rule based egress and ingress testing
- Recognition and response testing
- Signature development
- Change control procedures
- Advanced penetration testing
- Application protocol and threat traffic scanning

Traffic Library

When used with the Easy Rules Selector, Traffic IQ Professional can audit and enhance your network security's ability to identify and mitigate threats. The library contains more than 7,500 of the latest threats, application exploits and their accompanying security rules.

idappcom - Auditing, verifying and enhancing the capabilities of corporate security defences

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Scripting Engine

A powerful scripting engine is integrated into Traffic IQ Professional, enabling used to perform network based task with ease, including, asset discovery, attacking endpoints and auditing security devices.

Traffic Replay

Traffic can be selected and replayed at the touch of a button, traffic can also be organised into groups for replaying and exporting to other users. Traffic IQ Professional can directly replay pcap format network capture files and also import many other types including NetMon, Ethereal, TcpDump, WinDump, LibPcap, Redhat Linux. When replaying traffic you have complete control over the transmission parameters used including IP and MAC addresses, ports, time to live (TTL), delay and direction.

Traffic Scan Lists

Traffic Scan Lists can be created easily using the point and click user interface. These powerful scan lists can be used for replaying traffic from entire classes of IP addresses and port ranges to an individual machine, group, range or class of IP addresses and ports. Scan lists can be used with both standard protocols and threat traffic.

Traffic File Editor

The Traffic File Editor can be used to open any traffic file for review or to modify its contents. This is a very useful feature when auditing and verifying the recognition and response capabilities of intrusion detection and prevention systems.

Command Prompt

The Command Prompt is a powerful tool that enables users to run individual or groups of traffic files from the command line. This is particularly useful for automating tests and for scheduling batch tests to run at a particular time and day. The command line supports all of the advance replay parameter and network settings found in the graphical user interface and can also execute saved traffic scan lists and scripts.

Reporting

Using the built in report viewer you can quickly and easily determine exactly what traffic was sent, the parameters used and clearly see if the traffic was successfully sent and received through the device under test or if the traffic was blocked. The report viewer also allows users to view high quality security rules, from the Traffic IQ Library, designed to identify and block application threats and exploits.

How it Works

Traffic IQ Professional utilises two network adapters to send and receive traffic through a device or devices under test.

Traffic can be sent and received using any IP, Mac addresses and port numbers, the selected network traffic can then be sent and received between the two network adapters, statefully, bi-directionally and with guaranteed packet delivery to determine if the traffic is blocked or successfully allowed to pass through the device.

The resulting report will detail exactly what traffic was allowed or blocked by the network device under test. Traffic IQ Professional can be used with any virtual or physical network adapters, including wireless, that can be used in promiscuous mode.
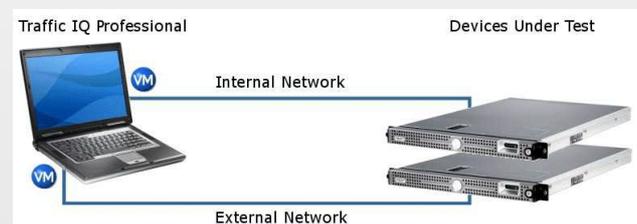
System Requirements

- Platform: Entry level laptop, workstation or appliance
- Operating System: Win2000, XP, Vista, 7, 8, 8.1, 10
- RAM/CPU: Operating system minimum requirement
- HD: 500MB free disk space
- Two 10/100/1000 Network cards