Cybowall^{TM} Net-Audit
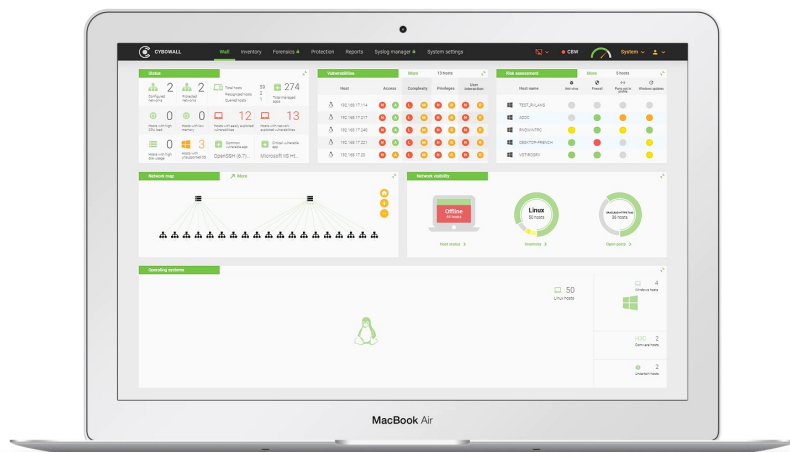
CYBONET EFFECTIVE SECURITY MADE SIMPLE

WHAT IS SECURITY VULNERABILITY?

Security vulnerability is anything that exposes a potential avenue of attack against a system. This may include viruses, incorrectly-configured systems, passwords written on sticky pads and left in a state that can easily be seen by others, increasing the risk to a system. More formally, Security Vulnerability may be defined as "a set of conditions that leads or may lead to an implicit or explicit failure of the confidentiality, integrity, or availability of an information system."

WHAT IS VULNERABILITY ASSESSMENT?

Vulnerability assessment is the process of systemic review of security weaknesses by recognizing, analyzing, and prioritizing vulnerabilities existing in systems or IT devices. It is to trace prevailing threats in the environment and recommend remediation and mitigation methods. With the appropriate information on hand, the risk factors can be easily determined and can be competently defined without any delay. Vulnerability assessment is not specific to any sector and can be applied in all industries, from IT to energy to utility sector.

CYBONET SOLUTION BENEFITS

- **Keep Systems Up-To-Date**

  Are Windows updates enabled? Have patches been implemented? When was the last update done?

- **Agentless Solution**

  Use WMI capabilities to collect detailed forensic data on Windows-based operating systems ,WMI capabilities to collect detailed forensic data and correlate it with known Indicators of Compromise (IOC).

- **Network Inventory**

  Makes it easy to build a comprehensive inventory of computer's hardware. The hardware inventory system will scan your entire network to collect information about computers and its components. Supporting Windows, OS X, Linux, FreeBSD, and ESX/ESXi-based computers and servers.

- **Software and Operating System Vulnerability Scanning** : No more inefficiency and missed security risks. Quickly address problems across multiple domains with an efficient service workflow, including vulnerability monitoring, automated scans, and reports for prioritized remediation and verification.

- **Security Assessment Report In One Click**

  Easily creates customized reports with your company logo and brand name

WHY DO VULNERABILITY ASSESSMENT

It is important for the security of the organization. The process of locating and reporting the vulnerabilities, which provide a way to detect and resolve security problems by ranking the vulnerabilities before someone or something can exploit them. In this process Operating systems, Application Software and Network are scanned in order to identify the occurrence of vulnerabilities, which include inappropriate software design, insecure authentication, etc.

CVE NAMES

CVE (Common Vulnerabilities and Exposures) is a dictionary of standardized names for vulnerabilities and other information security exposures , which has been adopted by a large number of organizations throughout the computer security industry. CVE Names are often quoted in security advisories. Where a vulnerability has a CVE Name, we will also include the NIST NVD (National Vulnerability Database) CVSS 2.0 'base score' as a severity rating out of 10 (0 is low, 10 is high) and a risk ranking of "Low", "Medium" or "High".

CVSS SCORING

CVSS (Common Vulnerability Scoring System) is a standard in Vulnerability scoring, which provides severity ratings of software vulnerabilities. A CVSS FAQ can be found at https://www.first.org/cvss/v2/faq.

CYBONET SOLUTION BENEFITS

- **Auto Create Network Assets Map**

  Increase visibility with a map of all endpoints connected to your network to gain insight into the environment , visual asset map to understand your environment and what is connected to your network. The dynamic map of both traditional and non-traditional (IoT) endpoints includes port profiles and activities to provide a complete picture of your **organization's network**

- **Hardware Inventory**

  Outdated hardware components tend to consume significantly more power compared to modern parts. Getting rid of older hardware helps save electricity while reducing the annual utility bills. the hardware inventory management tool scans your network, building the list of hardware components used in each and every computer in the organization.

- **Software Inventory**

  Net-Audit Tool collects and analyzes all installed software in the network and picks out the changes in the course of time. A clear module of reports completes the analysis of your software including all data, such as the name, version, and vendor of network hosts.

DEFINE, IDENTIFY, CLASSIFY AND PRIORITIZING YOUR NETWORK VULNERABILITIES