PANFINDER™

PAN data discovery

PANfinder™ is a sophisticated yet inexpensive software tool which scans your systems for unmasked and non-encrypted payment card data or PANs (Primary Account Numbers). Whether you're at the start of a PCIDSS compliance project or you're already certified, PANfinder will help to research your PCI-DSS scope and to meet PCI-DSS requirements 3, 3.4, 6.4.3, and 12.

PANfinder™ provides a method of scanning your systems for readable/ unprotected PAN data. Once found, you can take steps to secure or remove that data. When there are no unsecured PANs residing on your system, PANfinder helps you prove all your PANs are being stored in accordance with PCI-DSS. By building up a history of clean PANfinder reports, you're well-placed to provide auditors with proof of historic compliance.

Why Do You Need PANfinder?

There are two ways of sweeping your systems looking for PANs. The first is by manually checking every file – clearly not viable. The second is with an intelligent software tool.

Configuration & False Positive Reduction

▶ PANfinder™ has many flexible configuration options as to how and when it performs its searches. Specific files and folders can be included/ excluded as required.

▶ Easy to import your own BIN/IIN PAN prefix database into PANfinder if required.

▶ PANfinder's CPU usage and priority can be configured to ensure minimal impact on CPU overhead during scanning.

▶ Built-in intelligence ensures highly accurate results and minimizes false positives.

Questions

▶ How do you know exactly where on your system and on which systems PANs are stored?

▶ Can you prove you're not storing unprotected PAN and SAD data?

▶ Can you prove you don't have live PANs residing on your systems in unauthorized locations?

▶ PANfinder can help you answer with "yes" to those three questions by providing auditors and QSAs with clear and concise reports.

FASTscan™

▶ Once a predetermined number of PANs has been found in a file, PANfinder can move on to the next file, vastly increasing the speed of initial system scans.

▶ Change-detection: once an initial scan has been carried out, PANfinder can be set to only scan files which have been changed/edited since its previous scan – vastly increasing overall scan speeds.

▶ PANfinder can be configured to only search files which have previously been identified as containing suspect PAN data – ideal for checking successful removal/encryption of PAN data.positives.

PCI-DSS

▶ PCI-DSS requirement 3.2 states
"Storage of account data is kept to a minimum. Coverage for any sensitive authentication data (SAD) stored prior to completion of authorization."

▶ PCI-DSS requirement 3.5.1 states
"Render PAN, at minimum, unreadable anywhere it is stored"

▶ PCI-DSS requirement 6.5.5 states
"Live PANs are not used in pre-production environments"

▶ PCI-DSS requirement 12.5 states
"PCI-DSS scope is documented and validated"

▶ PCI-DSS requirement 12.5.2 states
"PCI DSS scope is documented and confirmed by the entity at least once every 12 months and upon significant change to the in-scope environment."
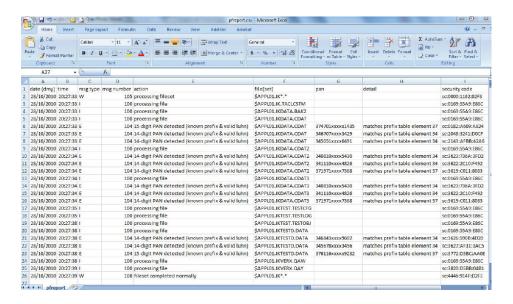
PCi Security Standards Council™
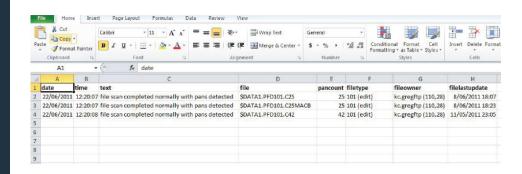
PARTICIPATING ORGANIZATION

Reports & SIEM Integration

▶ Summary and Detailed reports are generated as CSV files, making storage and analysis easy.

▶ As you'd expect, suspected PANs within the reports are masked in accordance with PCI-DSS.

▶ Use the Syslog output to integrate PANfinder into SIEM (Security Information and Event Management)/enterprise audit logging solutions such as LogLogic, RSA enVision etc.

A PANfinder report provides all the detail you need

A summary scan is perfect for quickly discovering where the majority of suspected PANs are located

Agent Mode

PANfinder can run in agent mode where it constantly monitors the configured file set for suspect PAN data.

Platforms

PANfinder is only available for HPE NonStop servers.

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