

HOW FLOWMON SUPPORT COMPLIANCE WITH PCI-DSS

Audit and inspect formal processes mentioned in PCI-DSS Requirements v3.2

Requirements 1.1.1-3

Audit, inspect and maintain firewall and network setup, development/test environment separation and cardholder data environment (CDE) isolation

Requirements 1.2, 1.3 (1.3.1-3), 6.4.1, 7.2.3, 11.3.4

Audit usage of services on servers and primary function of servers, unsecure protocols and enforced cryptography

Requirements 2.2.1-3, 2.3

Report the actual scope, involved servers and networks in communication; understand incident root cause and store NetFlow data for deeper analysis

Requirements 11.3.4.1, 12.10

With Flowmon ADS (performing Network Behaviour Analysis), detection and prevention capabilities are extended with regularly updated behaviour patterns (similar to signatures in IDS)

Requirement 11.4

Full list of PCI-DSS requirements v3.2 is available for [download](#).

LEVERAGING DEEP NETWORK VISIBILITY AND ANALYTICS TO FULFIL PCI-DSS REQUIREMENTS

The Payment Card Industry Data Security Standard (PCI-DSS) helps to protect payment transactions and cardholders' personnel information from fraud and misuse. As a set of technical and operational requirements, the standard is widely used by entities involved in payment card processing, and also in storing, processing and transmitting cardholder data.

Flowmon network monitoring and security solution helps involved entities to meet and maintain the requirements of the standard. By real-time NetFlow/IPFIX monitoring, analysis and detection, Flowmon is ready to protect the PCI-DSS cardholder data environment (CDE).

With deep knowledge of the communication matrix, Flowmon can detect any deviation in network traffic, provide necessary data for auditing and also feedback for root cause analysis in a PCI-DSS network. When firewall and IPS are being located just in specific places, blind to what is happening on each segment or VLAN, there is no other mechanism to make the entire network visible. Additionally, Flowmon needs nothing more than the network itself, with flow data gathered from routers, switches and other network devices.

Try [Flowmon for free](#) and explore the power of network telemetry.

