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# Endpoint Protection and Response:

**The latest SANS 2018 Survey on Endpoint Protection and Response offers key survey results and best practices to help you simplify and automate your endpoint protection, detection and response capabilities.**

## Key Findings

**42%**
of respondents report their endpoints have been breached

**17%**
breaches involved 10–24 endpoints

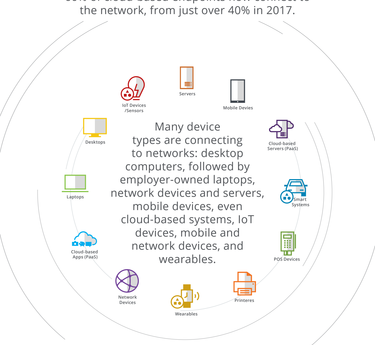
**18%**
of respondents manage ICS systems, yet 21% suffered a compromise

**63%**
of respondents report remediation of a single endpoint takes an average of 24 hours or less

## Endpoints Everywhere

**The rise in cloud-based endpoints not only challenges the standard remediation model, but introduces the need to secure those endpoints in a nontraditional setting.**

60% of cloud-based endpoints now connect to the network, from just over 40% in 2017.




The drive for anytime/anyplace/any device computing, including the growing use of employee-owned handhelds and smartphones, opens new windows of vulnerability, yet such devices are less frequently included in organizations' management programs.

## Successful Threat Vectors

**The top threat vectors for exploited endpoints take advantage of the hapless user:**

**63%**
Web drive-by

**53%**
Social engineer Wring/phishing

**50%**
Ransomware

## Detection and Response

**Signature-based antivirus is still useful, but isn't enough**

**47%**
of attacks are detected by an antivirus.

**32%**
of compromises were detected by automated SIEM alerts

**32%**
of respondents reported that proactive discovery detected compromises only 10% of the time

## Harden Your Endpoints

**Organizations must identify, install and configure effective solutions, as well as establish baseline readings. Top key success factors included:**

**49%**
ease of data collection

**47%**
correlation of data into usable information

**46%**
skilled operators

**43%**
automation/tool interoperability

Organizations must augment their abilities to more proactively defend their systems and detect threats earlier in the cyber kill chain.

Read the full report and survey results.

https://www.mcafee.com/enterprise/en-us/solutions/lp/sans-endpoint-survey.html

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