

INVESTIGATING SECURITY

STATE OF THE NETWORK 2017

NETWORK TEAMS REVEAL EMERGING TRENDS

In the Tenth Annual State of the Network Global Study, over 1,000 IT professionals weigh-in on current challenges affecting the enterprise. Respondents share their own strategies, report on the latest trends, and reveal which attacks are on the rise.

CLUES IN THE NEWS

Network Criminals: 146 Days at Large

In the latest studies, **Attackers are present on the network a median number of 146 days before being discovered.** That's a startling discovery that has experts working on the latest trends.

SOURCE: Mandiant 2016 Threat Report

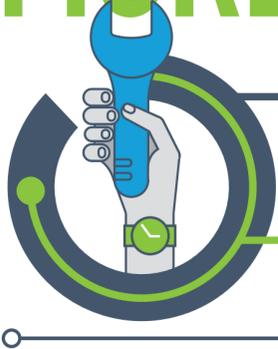
Security Costs Rise

Experts in the network security field report...

The **average total cost of breach response and resolution has increased to \$7.01 million from \$6.53 million last year, a 7 percent increase.**

SOURCE: Ponemon, 2016 Cost of Data Breach Study

MORE TIME SPENT ON SECURITY INVESTIGATIONS



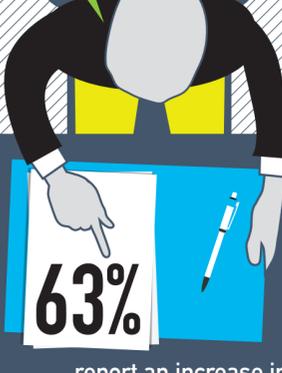
88% of respondents are now involved in troubleshooting security-related issues

Of those... **80%** report an increase in the time they spend on security



3 out of 4 spend up to 10 hours per week on security related issues

MALWARE SURGE



63% report an increase in email and browser malware

SMARTER HACKERS



OVER 1/2 of respondents report an increased sophistication of security threats

1/3

report an increase in number of DDoS attacks

31%

report an increase of database server attacks

SPIKE IN DDOS

MORE DATABASE SERVER ATTACKS

TOP 3 SOURCES

OF ATTACK INTELLIGENCE FOR NETWORK TEAMS

- 1) SYSLOGS
- 2) LONG-TERM PACKET CAPTURE AND ANALYSIS
- 3) TRACKING PERFORMANCE ANOMALIES

TOP 6 SECURITY ROLES OF THE NETWORK TEAM



1

Actively reporting network anomalies to security teams



2

Validating security tools are configured properly



3

Investigating security breaches after an incident



4

Ensuring virus or worm cleanup



5

Assisting security with active investigations



6

Implementing preventative measures

For complete results from the Tenth Annual State of the Network Study visit

stateofthenetwork.com



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