

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

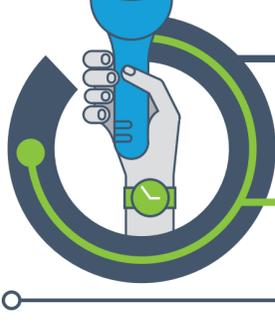
Security Costs Rise

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



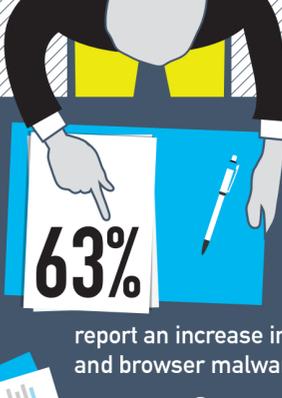
88% of respondents are now involved in troubleshooting security-related issues

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



report an increase in email and browser malware

SMARTER HACKERS



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

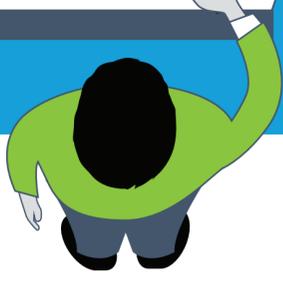
SPIKE IN DDOS

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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