# SECURPTY SCROMBLE

Network Teams React to Increased Attacks

According to the Eighth Annual State of the Network Global Study, network teams are taking on additional responsibilities in response to increasingly sophisticated security threats. From flagging anomalies to leading investigations and taking preventative measures, it is clear that security has become everyone's business

2009 | GLOBAL SCHEME

2009 | **GLUDAL SCIEMS** Global hack collective systematically breaches NASDAQ, 7-Eleven, and more. Steals 160 million credit cards and inflicts over \$300 million in losses over seven years.

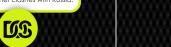
#### 2007 | POLITICAL ATTACK

A wave of denial-of-service (DoS) attacks cripple government, education, and financial websites a Estonia after clashes with Russia.



### 2013 | TARGETING RETAIL

Target's massive holiday breach offects over 70 million customers. Attacks on Neiman Marcus, Michael's, Staples, and other retailers continue to make headlines.



2008

2008 | MEGA BREACH

2008 | MEUA DREACH Hieu Minh Ngo poses as private investigator to gain access to consumer database. Offers up personal info of 200 million Americans on his identity





2005 | INSIDE JOB

Former AOL software engineer uses colleague's credentials to access over 90,000 user email addresses nd sells them to casi gaming spammers.



2012

## 2015 | DOUBLE TROUBLE

Sony Entertainment is hacked, costing \$150-300 million, round two for the company. In 2011, Sony's PlayStation network took a hit for \$170 million and 80 million personal credentials.

Network Team Involvement in Security

Of network teams are involved a a a a a a a a in troubleshooting security issues

network professionals spend between

 $25 \hbox{--} 50\%$  of their time troubleshooting security issues



Has the time you spend troubleshooting security increased over the past 12 MONTHS?

30%

NONE

**47**%

YES

up to 25%

18%

YES

by 26-50%

more than 50%

Identifying Security Issues

67% Syslogs

**57**% SNMF

Tracking performance anomalies

Chief Security Roles for the Network Team

are implementing preventative measures during an attack

More than are investigating security breaches after an incident

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Greatest Challenges Addressing Security Issues

Indicated an inability to correlate network issues performance

Indicated their inability to REPLAY anomalous security issues



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