CIO Dive: Covering enterprise technology, with security in mind

Naomi Eide, Cybersecurity Innovation Forum, 2017
@NaomiEide
What we do

- One of 13 Industry Dive publications
- CIO Dive reaches more than 16,000 IT decision makers daily
- Focus on business technology from a strategy perspective
- Key industry concerns include digital transformation, cloud computing and cybersecurity

Why BMC software charged its head of employee experience with running IT
But is security really the CIO’s concern?

Yes

A security "mindset has to be inculcated in an organization, that it's not just about one person's [job], it's a shared responsibility."

Zulfikar Ramzan
Chief technology officer at RSA

http://www.ciodive
Why the security focus? It’s what keeps CIOs up at night

- Estimates vary, but one firm said **4,281,795,808** records were breached last year
- $6 can buy you access to a hacked server
- 97.25% of phishing emails contain ransomware
- And 2016 saw the largest DDoS attack on record
5 trends shaping the cybersecurity sector
1) Attacks are getting bigger and more sophisticated.

- We’ve seen the rise of nation-state attacks, creating a political edge to cybersecurity.
- Companies are caught between the crosshairs of warring parties, but they have to play by the rules.
- In 2016 companies saw:
  - The Dyn DDoS attack
  - The DNC hack
  - The exploit of the SWIFT messaging system, which resulted in the theft of $81 million from Bangladesh Bank
  - The cyberattack on the San Francisco mass transit system
2) It’s nearly impossible to regulate and enforce cybersecurity, but efforts are being made at the state level.
3) A lack of diversity is hampering innovation.

- Women represent just 11% of the global information security workforce.
- By 2020, on average 15% of cybersecurity positions in companies will go unfilled.
- There are efforts to change the pipeline, with some programs offering free training for veterans to go into cybersecurity.
4) Some organizations still believe perimeter security is the answer.
5) The industry is very hyped about technologies that are not yet readily available.
Questions?

Naomi Eide
Assoc. Editor of CIO Dive
Email: neide@industrydive.com
Phone: 202-796-4897
Twitter: @NaomiEide

(Don’t forget to subscribe -- it’s free)