

# YOU and CDW and THE GOOD-GUY HACKERS



## THE SITUATION

Protecting computing systems proves difficult for organizations of all shapes and sizes. Cybercriminals are capable of stealing — everything from customer and employee data to intellectual property — from wherever they can. The question is not if, but when an organization will be attacked.

Many organizations are turning toward penetration tests as one way to understand what the real-world effectiveness of their existing security controls is against hackers. The tests attack an organization's information systems to look for security weaknesses that could be exploited to steal data.

CDW's Rapid Security Assessment service uses a team of ethical hackers, known in the industry as "white hats," to quickly test an organization's security defenses, then provide a list of recommended actions — all in about two weeks' time.

The service presents a simple and effective way for organizations to check their security posture and address the vulnerabilities that hackers could exploit. The result: Organization leaders understand the risks their networks face and know the steps needed to create a more secure business environment at a lower risk of intrusion.

### WHAT THEY'RE SAYING

"Whatever your line of business, **every** organization has sensitive information that, if released, could be damaging not only to its reputation but also to its staff."

Jeff Forrest,  
DLP Solution Architect, CDW

# More than 1,000

The number of assessments CDW's experts have conducted<sup>1</sup>



#### BLACK HAT

Hackers who violate computer security for personal gain such as stealing credit card numbers



#### WHITE HAT

Hackers who are ethical, using their ability to compromise computer security to draw attention to vulnerabilities



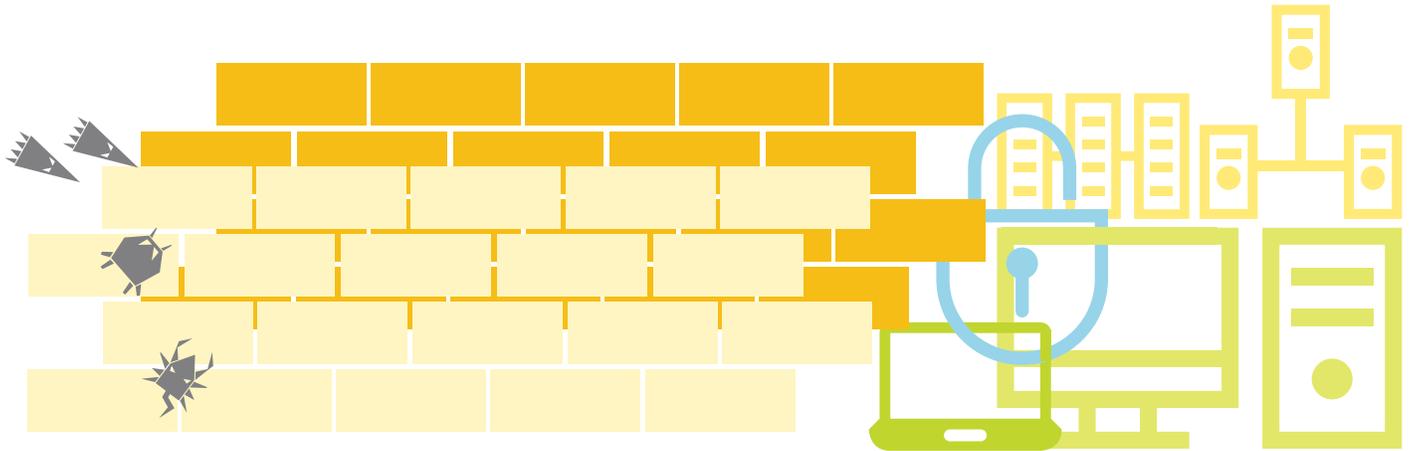
### ARE YOU SECURE?

Testing can improve the efficacy of your security strategy. Read more about CDW's Security Consulting capabilities at [CDW.com/securityassessment](http://CDW.com/securityassessment).



[CDW.com/security](http://CDW.com/security)  
800.800.4239

## RAPID SECURITY ASSESSMENT



## COMMON THREATS

As technology evolves, the many threats organizations face only continue to grow. Today's cyberthreats are more sophisticated than ever before, and their targets must evolve security measures to stay protected.

Cyberthreats represent a variety of sources, including nation-states, organized crime units and individuals. Organizations must protect themselves from advanced persistent threats that target one organization over a long period of time, waiting for cracks to emerge.

Organizations that fail to protect themselves effectively face a host of problems. The loss of valuable information can include employees' and customers' personally identifiable information, trade secrets and financial data. Organizations that suffer a data breach face steep costs as a result of such incidents, not to mention damage to their reputations with clients or in the marketplace. For some organizations, a breach may also

reveal noncompliance with regulations such as the Health Insurance Portability and Accountability Act (HIPAA) or the Payment Card Industry Data Security Standard (PCI DSS), which comes with its own legal and financial ramifications.

In recent months, large retailers, healthcare providers, government agencies, banks and websites have found themselves the victims of very public breaches. While these types of organizations have been under attack for years, the public attention they've gotten has increased as people become more concerned about their personal information. In each case, the organizations lost revenue as well as public trust.

### WHAT THEY'RE SAYING

**"Virtually every organization will spend some budget dollars on security. A security assessment is the tool that will enable them to do so with confidence."**

William Hedrich,  
Senior Security Solution  
Architect, CDW

# \$6.5 million

The average total organizational cost of a data breach in the United States<sup>2</sup>

### THINK ABOUT ASSESSMENT

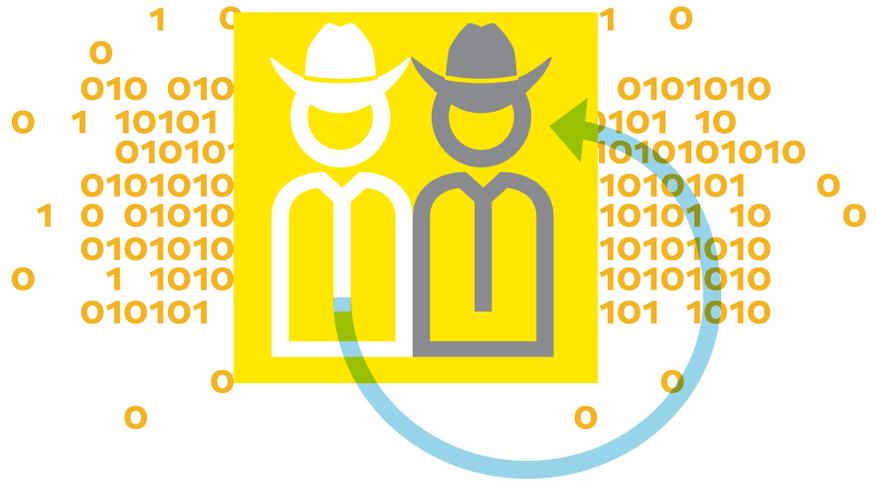
CDW can put your systems to the test. Read all about the company's security assessment and risk management offerings at [CDW.com/risk-assessment](http://CDW.com/risk-assessment).



[CDW.com/security](http://CDW.com/security)  
800.800.4239

<sup>2</sup>Ponemon Institute, "2015 Cost of Data Breach Study: United States," May 2015

## RAPID SECURITY ASSESSMENT



## YOUR TURN TO HACK BACK

Not all hackers are bad. A CDW Rapid Security Assessment turns friendly, white hat hackers into an asset to your information security posture by testing an organization's system for common vulnerabilities and weaknesses.

CDW's hackers try to gain access to the organization's data in the same ways a malicious hacker would. Their goal is to represent a real-world situation that can provide valuable information about where organizations are most susceptible to attack.

Organizations will gain insight into where their security systems are weakest along with recommendations on how to best address those

weaknesses. In a threat landscape where security challenges frequently change, such insight can go a long way toward ensuring your organization takes the steps necessary to protect itself. Organizations planning future security needs will find the assessment particularly valuable.

The RSA report is strictly confidential and includes a list of opportunities, specific solutions for improving current practices and information on risks as well as the relative cost to protect against them. The CDW engineer who conducts the assessment will also discuss the report with you and answer any questions.

### WHAT THEY'RE SAYING

**"To accurately assess risk, management must identify the data that are most valuable to the organization, the storage mechanisms of said data and their associated vulnerabilities."**

Ron Schmittling,  
Risk Services Manager,  
Brown Smith Wallace LLC



# 60%

The percentage of cases in which attackers compromised an organization within a matter of minutes<sup>3</sup>



# 51%

The percentage of organizations that receive security advice from third-party sources<sup>4</sup>

### QWERTY

# 28%

The percentage of data compromises that result from weak passwords<sup>5</sup>



# 19%

The percentage of compromises that companies self-detected in 2014<sup>6</sup>

## TESTING RIGHT FOR YOU?

CDW's Next-Generation Security Guide explains why your organizations can benefit from vulnerability and penetration testing. Read more at [cdw.com/next-gen-securityguide](http://cdw.com/next-gen-securityguide).



[CDW.com/security](http://CDW.com/security)  
800.800.4239

<sup>3</sup>Verizon, "2015 Verizon Data Breach Investigations Report," April 2015

<sup>4</sup>Cisco Systems, "2015 Annual Security Report," January 2015

<sup>5</sup>Trustwave, "2015 Trustwave Global Security Report," June 2015

<sup>6</sup>Verizon, "2015 Verizon Data Breach Investigations Report," April 2015

# IS THE RSA RIGHT FOR YOU?



CDW's Rapid Security Assessment is targeted specifically for organizations to quickly assess their security posture.

**Scope:** The assessment is aimed at organizations with a maximum of 25 external IP addresses and 250 internal hosts.

**Fast:** CDW's team of hackers spends approximately two days testing an organization's external and internal technology operations, spending a day on each. Once the tests are complete, CDW produces a report within two weeks with detailed information on how to mitigate the risks discovered while testing. CDW also reviews the report with the customer and provides a short consultation on the recommendations.

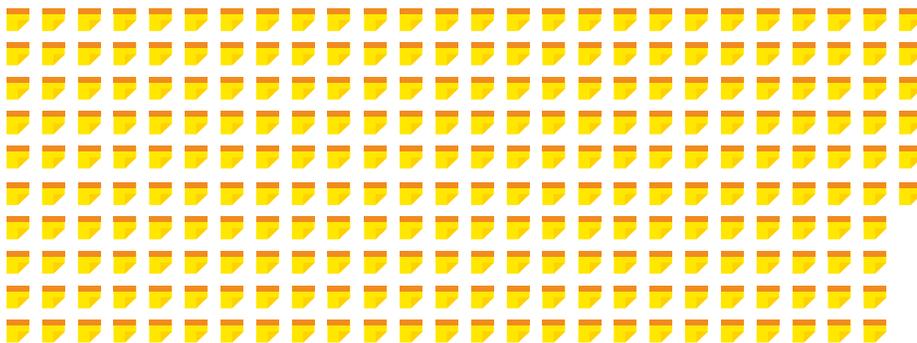
**Digestible:** CDW's tests present a clear view of an organization's vulnerabilities that will be beneficial both for IT managers with a deep understanding of technology along with information someone with a nontechnical background can understand. The vulnerabilities are assigned ratings of high, moderate or low that further guide and prioritize remediation.

**Actionable:** Assessment allows companies to walk away understanding the highest risks that exist that affect their particular business.

#### WHAT THEY'RE SAYING

"Part of our assessment exercise not only finds vulnerabilities, but also demonstrates that the vulnerabilities we've discovered have significance to a given company."

Dave Russell,  
Principal Consulting Security  
Engineer, CDW



# 256

The average number of days before a breach is detected<sup>7</sup>

## BUSINESS NEEDS

Read the four reasons you need a security assessment for your business at [CDW.com/4reasons](http://CDW.com/4reasons).

To speak to an account manager who can get you started with a CDW Rapid Security Assessment, call **800.800.4239** or visit [CDW.com/security](http://CDW.com/security).



<sup>7</sup> Ponemon Institute, "2015 Cost of Data Breach Study: Global Analysis," May 2015