

How to Boost Resilience Against Ransomware **Attacks**

Ransomware:

A Severe Threat

Threat actors are taking full advantage of today's uncertain times by launching a wave of new cyberattacks, leveraging tactics such as phishing, ransomware, and credential stuffing. Ransomware attacks alone — in which hackers take over an organization's computer systems and demand ransom payments to return them — have seen a dramatic uptick amid the COVID-19 pandemic.



The Ransomware Blast Radius

Ransomware is stealing headlines. And there is a reason to all the hype. Any organization, large or small, is the target for a ransomware attack.





Colonial Pipeline Attack Disrupts gasoline and jet fuel deliveries up and down the East

Coast of the United States

Broward County School District Cyber criminals demand \$40 million and publish nearly 26,000 stolen files after the

district refused to pay



City of Baltimore Shuts down a variety of services (e.g.,

DMV, marriage licenses) for months



necessitates relocation to another hospital

The Anatomy of **Ransomware Attacks**

Holding someone or something for ransom is a simple yet effective strategy that has been used by criminals for thousands of years. Today, cyber criminals are exploiting these ancient techniques using modern technologies. Ransomware is commonly delivered via spam emails whereby the crimeware is deployed when a victim clicks on a malicious attachment or URL.



Cyber criminals send a phishing message with ransomware through a file attachment or webpage link



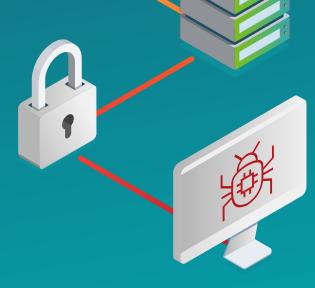






The files get encrypted

Ransomware is uploaded and starts executing



Communications to the

Command-and-Control Server is established

6



3 Basic Steps to Increase your Cyber Resilience

Implement cybersecurity awareness training

Regularly update anti-virus and anti-malware software

non-connected environment and verify integrity of backups

Back up data to a

Go Beyond with the Power of Absolute

Organizations must pay special attention to the state of their endpoints, as those devices are often the launchpad from which ransomware spreads across the network. Absolute helps organizations have the necessary visibility, defense, and response tools in place to protect against and respond to ransomware attacks.



Provides IT and security staff with granular insight into all the endpoints

Monitor for Unusual Activity

on their network.



Control Endpoints from Anywhere Empowers IT and security staff to lock devices

and restrict device network access to halt the spread of malicious software.



Makes endpoint security controls resilient against software decay or malicious actions

Harden Endpoint Security Controls

by self-healing these critical applications whenever needed.



Orchestrate Incident Response Helps orchestrate remote device actions via its

Absolute Reach scripting, which is resilient to ransomware attacks.

Don't be Held Hostage by

Ultimately, selecting an endpoint resilience solution like Absolute is one of the most critical technology investments an organization can

make to minimize their cyber risk exposure.

Setup a Demo

Ransomware

Ready to protect your organization?







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