THE STATE OF STORAGE SECURITY INFOGRAPHIC

CONTINUITY

WE COMPILED INPUTS FROM STORAGE RISK ASSESSMENTS, TO PROVIDE A UNIQUE INSIGHT INTO THE STATE OF ENTERPRISE STORAGE SECURITY.

The analyzed data covers multiple storage vendors and models including Dell EMC, IBM, Hitachi Data Systems, Cisco, Brocade, NetApp, and others.

DELL EMC HITACHI DATA SYSTEMS BROCADE A Broadcom Company NetApp CISCO IBM

KEY FINDINGS

6,300 discrete security issues detected

The 6,300 security issues included both vulnerabilities and misconfigurations

An enterprise storage device has 15 vulnerabilities

On average, an enterprise storage device has around 15 security vulnerabilities

Out of 15 vulnerabilities, 3 are high or critical risk

These 3 vulnerabilities could present significant compromise if exploited

The top 5 most frequent vulnerabilities

1

Use of vulnerable protocols / protocol settings

Attackers can use such configuration mistakes to retrieve configuration information and stored data. In many cases, they can also tamper with the data itself.

2

Unaddressed CVEs

Each CVE details the possible exposures and outcomes it presents. Among the risks were the ability to exfiltrate files, initiate denial-of-service attacks, and even take ownership of files and block devices.

3

Access rights issues (over exposure)

Incorrect access rights management can at best lead to data exposure, and at worst to the compromise of the data itself and its copies.

4

Insecure user management & authentication

Incorrect and insecure configuration can allow attackers to take full control over the storage device, including exfiltration and destruction of the data and its copies.

5

Insufficient logging

Improper logging can help attackers mask malicious activities. It can also interfere with the central security tools' ability to detect anomalies.

RECOMMENDATIONS

- Determine if storage security knowledge gaps exist, and build a plan to address them
- Use automation to continually scan, detect & prioritize storage security risks
- Improve security program to address identified gap

To read the full report; The State of Storage Security,

Click Here


CONTINUITY