liongard

Strengthening Your Business' Cybersecurity

The Importance of Monitoring Configuration Changes

As businesses navigate today's fast-paced technological landscape, the threat of cyberattacks looms larger than ever. Good IT governance plays a pivotal role in safeguarding your business from these evolving risks. This whitepaper sheds light on the significance of Configuration Change Detection and Response (CCDR) as a crucial element of robust cybersecurity. We explore how CCDR enhances security, its benefits for your business, and real-world instances where CCDR could have averted potential risks.

The Evolving Landscape of Cybersecurity Challenges

In recent times, cyber threats have become more sophisticated, creating challenges for businesses of all sizes. Conventional security measures may fall short in protecting against these constantly mutating threats, prompting the need for innovative solutions.

Understanding Configuration Change Detection and Response

Configuration Change Detection and Response (CCDR) is a cutting-edge solution that monitors and detects alterations in your business's IT environment. By proactively identifying changes and suspicious activities, CCDR offers early threat management.

80%

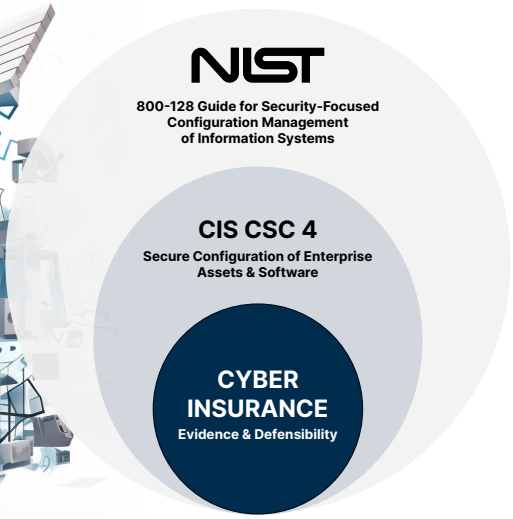
Reported breaches are attributed to human errors & misconfigrations *(IBM Security)*

280

Days to identify & contain a data breach caused by misconfigurations *(Forrester)*

$5T

Estimated costs globally due to cybersecurity misconfigrations *(Accenture)*



CCDR's Role in Enhancing Cyber Insurance Defensibility

As cyber insurance becomes a necessity, insurance providers are demanding robust cybersecurity measures for coverage. CCDR significantly enhances your organization's cyber insurance defensibility, potentially leading to reduced premiums and enhanced trust.

The Impact of CCDR on Cybersecurity

Enhanced Visibility & Early Detection

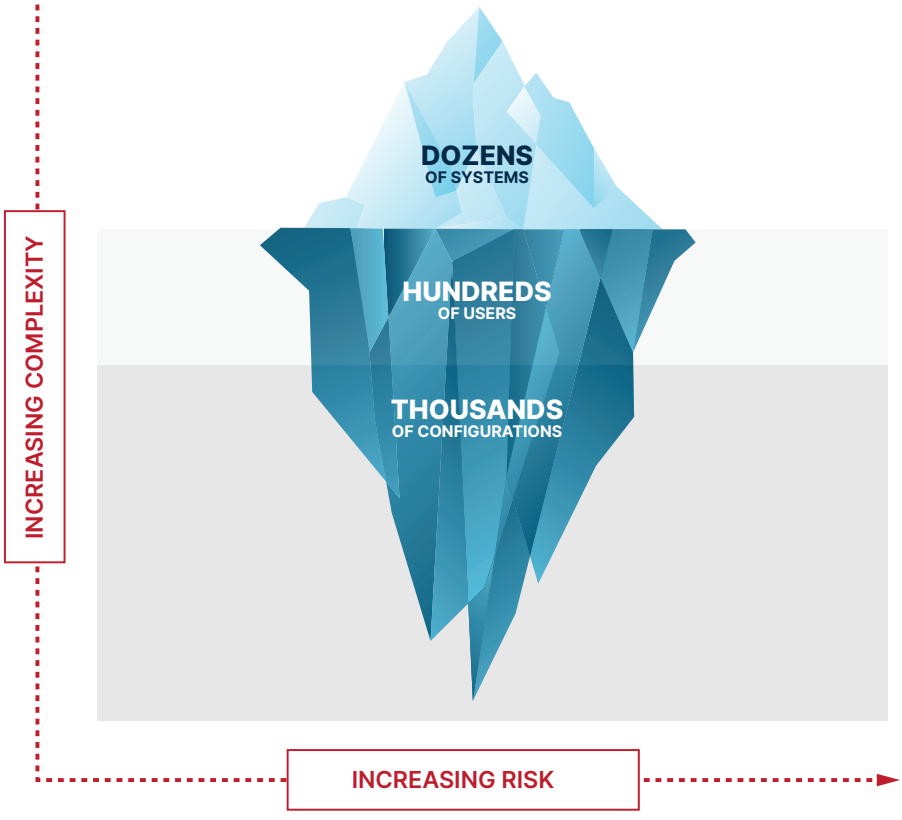
CCDR grants unprecedented visibility into your IT setup, enabling early identification of potential security issues.

Proactive Incident Response

CCDR empowers MSPs to take swift action against suspicious activities, curbing potential threats before they escalate.

Streamlined Regulatory Compliance

CCDR simplifies compliance efforts through detailed audit trails and reporting capabilities, ensuring adherence to industry standards.



The Significance of Configurations

Configurations underpin your IT systems, governing user management, access rules, hardware specifics, and more. Continuous monitoring of configurations detects misconfigurations and vulnerabilities, averting data breaches. It also ensures regulatory compliance and operational continuity.

INTERNET DOMAIN	YESTERDAY	TODAY
Domain Name	CONTOSONATION.COM	CONTOSONATION.COM
Domain Registrar	GODADDY.COM, LLC	GODADDY.COM, LLC
Domain Expires On	2024-10-28T12:05:00	2024-10-28T12:05:00
Domain Name Servers	PDNS14.DOMAINCONTROL.COM, PDNS15.DOMAINCONTROL.COM	NS73.DOMAINCONTROL.COM, NS74.DOMAINCONTROL.COM
DNS A Record	192.124.249.160 | TTL = 3600 SECS	15.197.142.173 | TTL = 600 SECS; 3.33.152.147 | TTL = 600 SECS
Email – MX (Mail Record)	CONTOSONATION-COM.MAIL.PROTECTION.OUTLOOK.COM. | TTL = 3600 SECS	ASPMX.L.GOOGLE.COM. | TTL = 3600 SECS; ALT1.ASPMX.L.GOOGLE.COM. | TTL = 3600 SECS; ALT2.ASPMX.L.GOOGLE.COM. | TTL = 3600 SECS; ALT3.ASPMX.L.GOOGLEMAIL.COM. | TTL = 3600 SECS; ALT4.ASPMX.L.GOOGLEMAIL.COM. | TTL = 3600 SECS
Email Hosting Vendor	MICROSOFT CORPORATION	GOOGLE LLC
Approved Email Senders (SPF)	V=SPF1 INCLUDE:SPF.PROTECTION.OUTLOOK.COM INCLUDE:SPF.MYCONNECTWISE.NET INCLUDE:SENDGRID.NET INCLUDE:_SPF.SALESFORCE.COM -ALL	V=SPF1 INCLUDE:SPF.PROTECTION.OUTLOOK.COM INCLUDE:SPF.MYCONNECTWISE.NET INCLUDE:SENDGRID.NET INCLUDE:_SPF.SALESFORCE.COM -ALL

Incorporating CCDR into Your Cybersecurity Toolkit

Fostering Client Trust
Offering CCDR as part of your cybersecurity strategy boosts client confidence in your ability to protect their operations effectively.

Increased Business Value
Differentiate your business by providing advanced cybersecurity solutions, enhancing client retention and attracting new business.

Reduced Downtime and Costs
Prompt identification and resolution of potential issues lead to reduced downtime and remediation costs.

At the forefront of cutting-edge cybersecurity solutions, **Liongard is a game-changer** for managing IT, empowering us to detect and swiftly respond to configuration changes across modern IT environments.

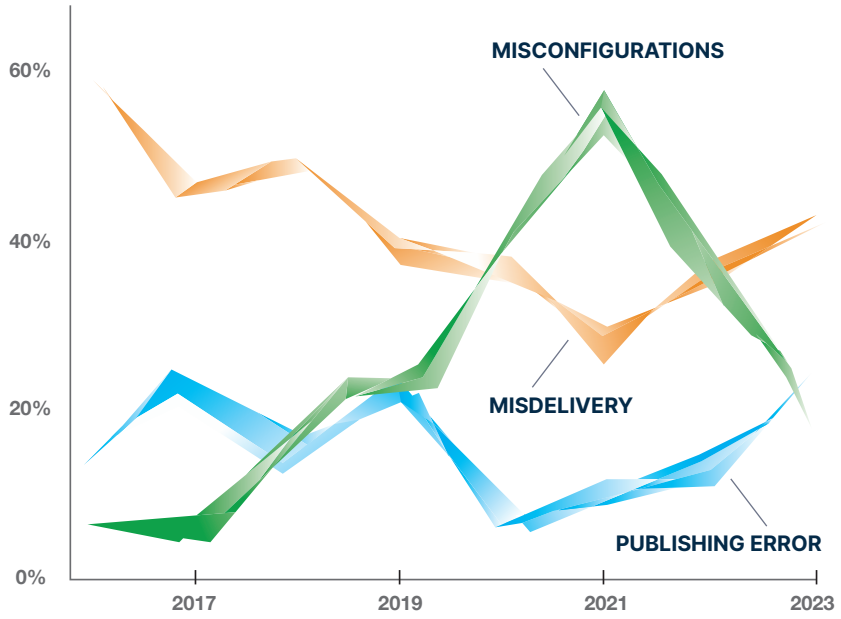
LIONGARD'S ROLE IN EMPOWERING IT

Liongard's platform automates continual documentation of managed systems, maintaining an inventory of assets, software, and user accounts. This visibility, aligned with industry standards, addresses the gap between onboarding new users, systems and ongoing management.

Solving Configuration Management Challenges

Managing configurations can be complex due to diverse systems and environments. MSPs need accurate and timely information across various systems to assess and address issues effectively.

Source: Verizon 2023 Data Breach Investigations Report



Real-World Examples

Explore real cases that highlight the consequences of neglecting configuration monitoring.

Capital One Data Breach

A misconfigured web application firewall led to a massive data breach, impacting millions of customers.

Verizon Data Leak

A misconfigured cloud storage exposed sensitive information of millions of customers.

Atlanta Ransomware Attack

Configuration drift resulted in a crippling ransomware attack on a city's critical systems.

The Imperative of Configuration Change Detection and Response for Your Business

CCDR is your proactive approach to combat cyber threats, empowering MSPs to stay ahead in the fight against cybercrime. Embracing CCDR as part of your cybersecurity strategy is vital to ensure the highest level of protection in our digital era. By leveraging CCDR, you can identify and respond to configuration changes, preventing potential breaches and safeguarding your critical assets. Moreover, CCDR empowers continuous cybersecurity improvement, positioning you as a trusted partner in your businesss' growth and success. Safeguard your business today and harness the power of CCDR to fortify your cybersecurity defenses. ❖

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