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Weekly Insights and Updates

|December 13, 2024

What do a shadowy state-backed cyber group, a critical Windows vulnerability, and new U.S. cybersecurity laws have in common? Together, they paint a stark picture of a digital world under attack. Salt Typhoon, a state-sponsored hacking collective, has quietly infiltrated U.S. telecom giants, while a new zero-day exploit threatens millions of Windows users worldwide. Meanwhile, regulators are rewriting the rules of cybersecurity, demanding transparency and accountability in ways that are reshaping how businesses operate.

Amid this turmoil, the stakes have never been higher. Each attack and exploit serves as a reminder of the interconnectedness of modern systems—and the fragility that comes with it. But these events also highlight the tools and strategies emerging to counter the chaos: zero-trust models, encrypted communications, and smarter vulnerability management. As the lines between offense and defense blur, one thing is clear—navigating this landscape requires vigilance, adaptability, and a willingness to rethink the fundamentals of security.

China’s Salt Typhoon Breach Exposed

Salt Typhoon, a state-sponsored cyber-espionage campaign, has infiltrated eight major U.S. telecom companies, compromising call metadata and sensitive information. These attacks underline the growing importance of robust threat intelligence and proactive defense strategies.

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Mastering Vulnerability Prioritization

High-profile incidents like Log4j and MOVEit reveal the critical need for effective vulnerability management. A well-structured approach can minimize risks from zero-day exploits and cascading supply chain failures, offering valuable lessons for future readiness.

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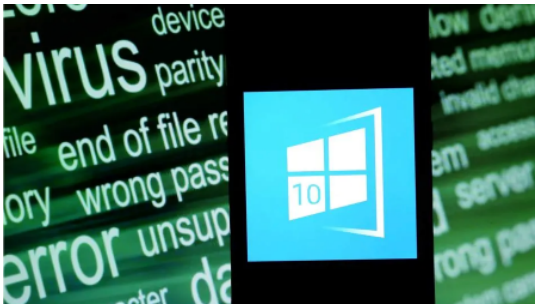

Windows Zero-Day Threat Revealed

A newly discovered Windows zero-day vulnerability poses risks for all users. Temporary solutions, such as 0patch, offer critical safeguards while official patches are being developed, protecting systems during this vulnerable period.

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FBI Urges Encrypted Communications

In response to Salt Typhoon’s cyberattacks, the FBI recommends encrypted messaging apps over SMS and RCS to secure communications. Protecting sensitive data through robust encryption is essential in the current threat landscape.

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Cyber Hygiene: A Safety Checkup

The recent CrowdStrike outage underscores the importance of strong cyber hygiene. Practical steps, such as securing IoT devices, maintaining reliable backups, and refining incident response plans, are key to protecting both operations and employee safety.

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Why ITDR Matters More Than Ever

As identity-based threats grow, Identity Threat Detection and Response (ITDR) provides vital insights into compromised credentials, weak passwords, and MFA vulnerabilities. Traditional tools like SIEM and UBA fall short in addressing these identity-specific risks, emphasizing ITDR's critical role.

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Adapting to Changing Cyber Regulations

New U.S. cybersecurity laws prioritize transparency and accountability, reshaping compliance requirements. Businesses can enhance their resilience by aligning cybersecurity strategies with evolving regulations.

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Bridging Cyber Risk Perception Gaps

Mid-sized firms face rising cyber threats but often underestimate their financial impact. Addressing vendor vulnerabilities, strengthening ransomware defenses, and educating employees are essential steps to close these gaps.

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Financial Sector Adopts Multi-Cloud Strategies

Multi-cloud environments boost resilience but require strong security measures to mitigate misconfigurations and AI-related risks. Discover how financial organizations are tackling these challenges while addressing a growing skills shortage.

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Lessons from the Finastra Breach

The Finastra breach highlights security vulnerabilities in hybrid environments and file transfer systems. Implementing zero-trust frameworks and advanced monitoring tools can strengthen defenses across cloud and on-premises platforms.

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Threat Intelligence with ATS

Threat intelligence involves analyzing and monitoring risks like leaked credentials, compromised accounts, and hacking activities on the deep

Understanding Attack Surface Management

In a world where every device, application, and cloud instance can become an entry point for cyber threats, managing your organization's attack surface is

Third-Party Risk Management with ATS

Protect your organization from vulnerabilities in your vendor ecosystem. ATS' Third-Party Risk Management (TPRM) service combines advanced

web to identify and mitigate threats before they escalate. ATS' Managed Threat Intelligence services—featuring advanced monitoring, detailed investigations, and actionable reporting—can help secure your critical assets and strengthen your cybersecurity strategy.

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critical. Attack Surface Management (ASM) involves the continuous discovery, analysis, prioritization, remediation, and monitoring of potential vulnerabilities across your digital environment.

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threat intelligence with attack surface monitoring to help you identify compliance gaps, mitigate supply chain risks, and maintain operational continuity while strengthening vendor relationships and safeguarding critical assets.

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If cybersecurity were a game, this week's news would remind us why the rules keep changing—and why we need to level up. From breaches to AI risks, the opponents are relentless, but so are we. Each attack, whether exploiting vulnerabilities in multi-cloud systems or bypassing identity defenses, is a challenge demanding innovative solutions and sharper tactics.

As defenders, we adapt, strengthen our strategies, and find ways to outmaneuver new threats. The lessons this week reinforce the need for resilience and readiness, proving that in this game, progress is not optional. Let's help you stay two steps ahead, armed with the tools and strategies to outplay the threats.

Vendor vulnerabilities remind us that no chain is stronger than its weakest link.

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