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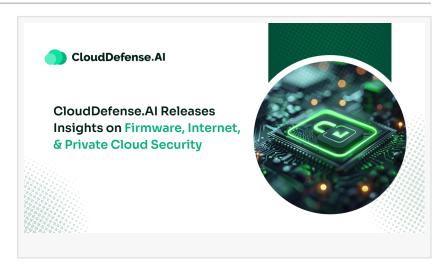
CloudDefense.AI Releases Insights on Firmware, Internet, & Private Cloud Security

PALO ALTO, CA, UNITED STATES, February 28, 2025 /EINPresswire.com/ -- Securing modern digital environments requires a proactive approach that extends beyond traditional cybersecurity practices.

CloudDefense.AI offers insights into hardware firmware security, internet security protocols, and the challenges of protecting private cloud infrastructures, highlighting critical security issues organizations face today.

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[Firmware[Press for full blog]](#), the embedded software that controls hardware devices, has become an attractive target for attackers due to its low visibility and infrequent updates. Despite

> " In cybersecurity, complacency is the biggest threat—proactive defense is the only way forward."
>
> *Anshu Bansal, CEO, CloudDefense.AI*

a Microsoft study revealing that over 80% of enterprises faced at least one firmware attack in a two-year period, only 29% of security budgets are allocated to its protection. This gap highlights the urgent need for stronger firmware security measures, including secure boot mechanisms, trusted platform modules (TPMs), and continuous monitoring of firmware integrity. CloudDefense.AI sheds light on the risks associated with firmware attacks and the best practices to mitigate them.

Beyond firmware, [Internet Security[Press for full blog]](#) remains a critical concern for businesses operating in an interconnected digital landscape. With organizations increasingly relying on the internet for communications and data exchange, threats such as phishing, malware, and social engineering attacks pose significant risks. Effective internet security strategies involve layered defenses, including firewalls, encryption, and strict access controls, ensuring that users, devices, and IT assets remain protected. CloudDefense.AI explores the evolving nature of internet security threats and the necessary precautions businesses must take to safeguard sensitive information.

Private cloud environments, while offering greater control and security compared to public clouds, are not immune to threats. Protecting sensitive data in a private cloud requires strong authentication protocols, encryption, and continuous audits to prevent unauthorized access and breaches. CloudDefense.AI delves into the complexities of [Private Cloud Security\[Press for full blog\]](#), outlining key strategies organizations should implement to enhance protection while maintaining operational efficiency.

As cyber threats continue to evolve, staying ahead of vulnerabilities is crucial for maintaining business resilience. CloudDefense.AI remains committed to empowering organizations with the knowledge and tools necessary to navigate the ever-changing security landscape.

About CloudDefense.AI:

CloudDefense.AI, headquartered in Palo Alto, is a complete Cloud-Native Application Protection Platform (CNAPP) that secures the entire cloud infrastructure and applications. Considering the evolving threat landscape, they blend expertise and technology seamlessly, positioning themselves as the go-to solution for remediating security risks from code to cloud.

Experience the ultimate protection with their comprehensive suite that covers every facet of your cloud security needs, from code to cloud to cloud reconnaissance. Their catered-for cloud offering includes SAST, DAST, SCA, IaC Analysis, Advanced API Security, Container Security, CSPM, CWPP, and CIEM to the exclusive Hacker's View™ technology – CloudDefense.AI ensures airtight security at every level.

Going above and beyond, their innovative solution actively tackles zero-day threats and effectively reduces vulnerability noise by strategically applying various modern techniques. This unique approach delivers up to five times more value than other security tools, establishing them as comprehensive and proactive digital defense pioneers.

If you want to learn more about CloudDefense.AI and explore one of the best CNAPPs in the industry, please book a free demo with us or connect with us at connectwithus@clouddefense.ai

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