Hitachi Vantara

Datasheet

Cyber Threat Intelligence

In today's digital landscape, cybersecurity threats are evolving at an unprecedented pace. To navigate this complex environment, organizations need more than just defensive measures; they need strategic insights and proactive solutions. Our CTI services are not just about identifying threats; they're about understanding them, predicting their movements and developing effective strategies to mitigate their impact. We provide comprehensive insights that help you understand potential threats in a detailed manner. A powerful blend of human expertise and artificial intelligence provides insights into the motives, tactics, and capabilities of potential attackers, enhancing your security measures and the integrity of your digital assets. By providing a detailed understanding of potential threats, our CTI services play a crucial role in managing an organization's attack surfaces. This ensures that resources are effectively allocated, enhancing the overall security posture of the organization.

What is involved in this service type?

- Surface web
- Dark web
- IM

How do we go about conducting this service?

Our methodology is in line with all relevant industry standards, including NIST SP 800-61 Rev 3, CSC 20 and ISO/IEC 27035-2:2023.

1. Scoping - Understand the specific needs and questions of the organization & translate these into actionable data.

2. Threat Intelligence Collection - CTI team identifies and begins collecting raw data from various sources.

3. Data Processing - Involves structuring the data, correlating it, and contextualizing it.

4. Data Analysis - Produces actionable intelligence that can be used for risk reduction and strategic decision-making.

5. Intelligence Sharing- Information is disseminated to key stakeholders (ex. alerts, briefings, or reports).

6. Feedback - Determine whether the provided intelligence met the business objectives, and identify areas for improvement.

Why should this be important to you?

Our cybersecurity solutions are more than just robust and technologically advanced. They are the product of a seamless blend of machine learning algorithms and system integration, expertly gathering and standardizing data from diverse sources. These solutions provide insightful context on potential security breaches, known as indicators of compromise, illuminating the strategies employed by threat actors.

What Can You Do?

Once you are ready to enhance your cybersecurity posture with our CTI services, you can:

- Share your existing cybersecurity plans, policies, and documentation with our team.
- Help us connect with essential personnel for interviews to ensure the accuracy and relevance of our insights.
- Work with us to analyze potential threats and understand their motives, tactics, and capabilities.

What are the other things we look at in conducting this service?

We consume unstructured data from various sources to provide context on indicators of compromise and the tactics, techniques, and procedures used by threat actors. Our analysis includes threat intelligence feeds, dark web monitoring, behavioral analysis, incident reports, vulnerability assessments, geopolitical context, and machine learning models.

Why Hitachi?

We focus exclusively on providing cybersecurity, data privacy and related advisory services. With over 20 years of experience and a focus on cybersecurity, our mature processes and level of understanding, benefit our clients in their fight against malicious cyber crime activity.

But what truly sets us apart is not just the tool, but the expertise behind it. Our threat intelligence framework harnesses the power of both human expertise and machine learning capabilities to meticulously evaluate and counter threats. This dual approach ensures a comprehensive and effective response to potential security risks.

Benefit

- **Tracking Global Trends -** Our service helps customers stay informed about global trends, eCrime, and hacktivist adversaries, ensuring they are prepared for emerging threats.
- **Threat Actor Profiles -** We provide profiles of threat actors to help IT security teams understand their motivations, enhancing their ability to anticipate and counteract attacks.
- **Proactive Defense -** Our service enables proactive defense against the tactics, capabilities, and tradecraft of potential attackers, strengthening your overall security measures.
- **Comprehensive Attack Analysis -** We trace a potential attack's why, what, and how, explaining how threat intelligence can help prevent it, thereby improving your incident response and prevention strategies.

Case Studies

Industry - Healthcare
Location - Europe

Challenge

Initially evaluated with a subpar cybersecurity stance, the hospital grappled with substantial vulnerabilities that surpassed initial estimates. Adherence to healthcare regulations was non-negotiable, yet the institution found it challenging to manage user access on its digital platform. Recruiting and maintaining a skilled cybersecurity workforce posed significant challenges. Strong security policies and procedures were absent hindering effective cybersecurity management. The organization struggled to keep software and systems updated, increasing vulnerability to security breaches. With a modest budget allocated, implementing comprehensive cybersecurity solutions was particularly challenging.

Solution

Hitachi Cyber executed a comprehensive Dark Web Crawl to identify and evaluate the exposure of sensitive information, with a particular emphasis on patient data and staff credentials found in the obscure corners of the dark web. This proactive measure facilitated the immediate identification and mitigation of risks linked to leaked credentials and exposed patient information, underscoring Hitachi Cyber's commitment to safeguarding its clients' digital assets.

Benefits

The comprehensive dark web analysis conducted by Hitachi Cyber unveiled a multitude of security issues. These included the alarming presence of hundreds of user passwords on the dark web and critical external vulnerabilities that posed immediate threats. To counter these risks, same-day patches were swiftly implemented.

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi Ltd., Hitachi Vantara provides the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, the company helps customers build the foundation for sustainable business growth. To learn more, visit hitachivantara.com.

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