

For Immediate Release

IIJ Launches the “IIJ Change Detection and Recovery Solution” to Help Detect and Quickly Recovery from Website Tampering

TOKYO - March 2, 2021 - Internet Initiative Japan Inc. (TSE1: 3774), one of Japan’s leading Internet access and comprehensive network solutions providers, today launched the IIJ Change Detection and Recovery Solution, which offers continuous website monitoring to instantly detect tampering and help quickly recover websites. By implementing this solution, customers can defend against web tampering threats and securely manage their corporate websites.

Web tampering is a cyber-attack in which a malicious attacker illegally manipulates a website to rewrites its content or installs unauthorized programs, and is regarded as one of the major security incidents. Past tampering cases have caused websites to redirect to phishing sites or infected visitor devices with a virus that collects secure data. In addition to this tangible damage, tampering has harmed some corporations’ image, making web tampering countermeasures indispensable for companies.

However, implementing such protective functions poses issues in terms of system construction and operational loads. Moreover, even if they implement tampering protections, website owners need time to identify which configuration or content files have been changed, making it difficult to rapidly recover normal operations. To address these issues, IIJ offers this solution for instant detection and recovery through persistent monitoring.

Features

Continuous monitoring provides instant detection and recovery

To use the solution, customers install a monitoring agent on the server that needs protection to monitor their websites around the clock. The agent constantly monitors content files, configurations, system files, and other OS events. It detects changes, additions, or deletions as they happen and notifies the set destination via email. After detecting any tampering, the solution automatically recovers the original files from backup data generated every tenth of a second, allowing customers to conduct safe and reliable operation.

Cloud-based administration server reduces operational load

The administration server operates on the IIJ cloud, reducing customer workloads in preparing, operating, and maintaining servers. By accessing the administration server IIJ provides, customers can monitor their websites, review detected tampering incidents, and configure backup settings. Vital information such as content data is managed on customer’s web server and not saved to the cloud-based administration server, so customers can use it with a sense of security.

Easily preserve evidence

Monitoring has three toggleable modes: notify, recover, and preserve. The preserve mode turns on logging for uploaded and altered files, allowing customers to easily preserve evidence of files uploaded without authorization. Customers can set the monitoring settings ON/OFF for each folder and the level of the

monitoring mode in detail according to their usage.

Pricing

JPY68,000 per month (for two agents)

*Tax is not included.

To boost a social infrastructure through which anyone can safely use the Internet, IJ continues to employ its wizSafe brand, a security business brand based on the idea of “making safety a matter of course.”

About IJ

Founded in 1992, IJ is one of Japan's leading Internet-access and comprehensive network solutions providers. IJ and its group companies provide total network solutions that mainly cater to high-end corporate customers. IJ's services include high-quality Internet connectivity services, systems integration, cloud computing services, security services and mobile services. Moreover, IJ has built one of the largest Internet backbone networks in Japan that is connected to the United States, the United Kingdom and Asia. IJ was listed on the First Section of the Tokyo Stock Exchange in 2006. For more information about IJ, visit the IJ Web site at <https://www.ij.ad.jp/en/>.

The statements within this release contain forward-looking statements about our future plans that involve risk and uncertainty. These statements may differ materially from actual future events or results.

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