Kasugai Municipal Hospital achieves an immutable and cost-efficient backup and restore environment with Wasabi

> *"For public hospitals, if these expenses exceed budget, an application for additional budgets is required. With Wasabi, since there is no charge for retrieving data, it is possible to operate a backup system within the allocated budget."*
>
> *-Hayato Baba, Information Officer, Administrative Management Division, Medical Information Technology Center, Kasugai Municipal Hospital*

Overview

Kasugai Municipal Hospital provides medical services as a core hospital in the Aichi prefecture of Japan. The hospital is designated as disaster-based, meaning that it is required to continue services during disasters. Therefore, ensuring the reliability and availability of IT systems, including electronic medical records, is extremely important to hospital operations. In recent years, a number of hospital systems faced ransomware attacks, often forcing suspension of medical services. To strengthen ransomware countermeasures, Kasugai Municipal Hospital introduced resilient disaster recovery by implementing "S-iDC Backup Service with Wasabi" provided by NEC Networks & System Integration Corporation.

Challenge: Finding a solution for cost-effective and easily restorable disaster recovery backups

Medical institutions prepare countermeasures by referring to the "Guidelines for Safety Management of Medical Information Systems" issued by the Ministry of Health, Labor, and Welfare.

CUSTOMER

春日井市民病院
Kasugai Municipal Hospital

INDUSTRY

- Healthcare

USE CASES

- Backup & recovery
- Cyber resiliency & ransomware protection

CHALLENGES

- Ensure secure and efficient data backups
- Deploy a solution that is cost-effective and free of hidden egress fees

SOLUTION

- Cohesity + Wasabi

RESULTS

- Achieved data security for on-premises backups
- Predictable cloud storage costs
- Simplified backup testing without costs for egress or API calls

In addition to these guidelines, the IT team at Kasugai Municipal Hospital also referred to the Cybersecurity Framework (CSF) established by the National Institute of Standards and Technology (NIST) in the United States, which divides countermeasure steps into identification, protection, detection, response, and recovery.

In the inventory of existing security measures at Kasugai Municipal Hospital, "response" and "recovery" were deemed insufficient. Traditionally, backups were written to tape and stored offline on-premises, but there were concerns about cyber-attacks and natural disasters that could affect the entire region. To improve cybersecurity measures, the hospital's IT team needed immutable, remote copies of its backups that could also be retrieved quickly in the event a restore is needed.

Kasugai Municipal Hospital has a small team responsible for its information system, including Hayato Baba, Information Officer in the Administrative Management Division at Kasugai Municipal Hospital's Medical Information Technology Center. With limited resources, Baba needed to implement reliable immutable storage for a robust cybersecurity solution at an appropriate cost.

Wasabi + Cohesity provide cost-effective, scalable disaster recovery solution

When deciding on a backup service, Baba learned that Cohesity's backup solution could achieve high data compression rates with immutable backups and that NEC Networks & System Integration Corporation could be entrusted with 24/7/365 backup operation and management. By combining this solution with Wasabi, data can be securely backed up to Wasabi's offsite cloud, protecting important data assets against ransomware in the event of a disaster.

Furthermore, according to Baba, "By leveraging Wasabi's easy scalability, we can store multiple generations of backup data at a low cost." Securing long-term, multi-generational backup data on-premises would require facilities with significant space, power, air-conditioning, and additional operational processes. The fact that purchasing Wasabi does not require such capital expenditure was a deciding factor.

Baba found that Wasabi's cost-performance compared to favorably against cloud storage competitors. If Baba were to store with a hyperscaler, it would be expensive to retrieve data. Should a disaster occur that calls for data retrieval from the cloud to recover, it would be costly if the data is extensive. "For public hospitals, it's difficult to make a sudden budget request for data retrieval," says Baba. With Wasabi, you can retrieve data whenever you need to without additional cost for egress or API request. Operating the hospital's backup system within budget is considered a significant

advantage to Baba and team. On top of that, Baba says, "The fact that Wasabi has a datacenter in Japan is also reassuring."

Results: Scalable cloud storage paves the way for new use cases

Since Baba and team introduced the new backup solution, which includes hardware delivery, network construction to Wasabi, and data recovery testing, they found implementation concise and the integration between Cohesity and Wasabi seamless.

Wasabi's dashboard visualizes backup status daily, providing a high level of peace of mind, according to Baba. "We have also conducted a recovery test and confirmed that the backup data can be recovered without fail. With a hyperscaler instead of Wasabi, we would have to pay extra for a restore test," Baba pointed out.

Now that Baba and team have a secure disaster recovery plan, they are considering storing radiological imaging data in Wasabi's cost-effective and secure cloud storage. S-iDC Backup Service with Wasabi is provided as a package, easy to implement, and hassle-free. On top of that, it is safe, scalable, and inexpensive. The remote storage of the Wasabi system also helps to prevent natural disasters, and Baba finds that Wasabi is a system that is easily understood by management.

ABOUT WASABI

Wasabi provides simple and affordable hot cloud storage for businesses all over the world. It enables organizations to store and instantly access an unlimited amount of data with no complex tiers or egress or API fees, delivering predictable costs that save money and industry leading security and performance businesses can count on. Trusted by customers worldwide, Wasabi has been recognized as one of technology's fastest-growing and most visionary companies. Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi is a privately held company based in Boston. Wasabi is a Proud Partner of the Boston Red Sox, and the Official Cloud Storage Partner of Liverpool Football Club and the Boston Bruins.

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