Disaster Recovery with Wasabi Surveillance Cloud

What is Wasabi Surveillance Cloud Disaster Recovery?

Disaster Recovery is a feature included with the Wasabi Surveillance Cloud software that automatically and instantly replicates an exact copy of a user's video from on-premises storage to the Wasabi Storage Cloud for redundancy. When Surveillance Cloud detects a failure of the recording server (live or archive), video data can be quickly repopulated to a new server from the replicated cloud copies.

Why use Wasabi Surveillance Cloud Disaster Recovery?

The most important reason to keep an extra copy of surveillance video is to prevent its loss. While the destruction of an entire data center due to fire, flood, terrorism, or earthquake is extremely rare, it is possible. Also, in the event of a security breach or accidental deletion by an internal user, having a replicated copy that still exists prevents total loss of data. So, it's generally worth having a separate copy of the data in a different location.

Current disaster recovery methods frequently involve using a third-party backup solution and is not a common strategy practiced amongst those managing video surveillance systems. If these solutions are used, data is typically tied to a specific vendor, requiring its own server and storage. These solutions are performing multiple full backups regardless of data changes, leading to increased write times and higher storage costs. Additionally, data must be restored with the proprietary software it was created with, resulting in delayed access and heightened susceptibility to ransomware attacks.

Benefits:

- Enhanced video data resilience and availability
- Improved regulatory and business continuity
- Optimized efficiency in recording failure detection

How to use Surveillance Cloud Disaster Recovery?

Surveillance Cloud Disaster Recovery protects against cyber attacks and local failures by replicating video to the Wasabi cloud, ensuring maximum availability and redundancy. Video files are stored in their native formats, eliminating the need for third-party applications to write or read data. New video recordings are continuously replicated as created, eliminating the need for regular backups.

In case of partial data loss, users can access cloud copies on demand and continue operations immediately. By utilizing metadata capabilities within the Disaster Recovery Feature, in the instance of a complete site failure, cloud copies can be restored to a new recovery server without downloading all of the video first.

Regardless of the failure, with Disaster Recovery enabled, you'll have piece of mind knowing that video recordings are protected in an offsite location and be accessed without delay.

Find out how Surveillance Cloud Disaster Recovery can be the perfect protection to your video surveillance system by reaching out to our surveillance storage experts **here**.

Feature View of Surveillance Cloud Disaster Recovery
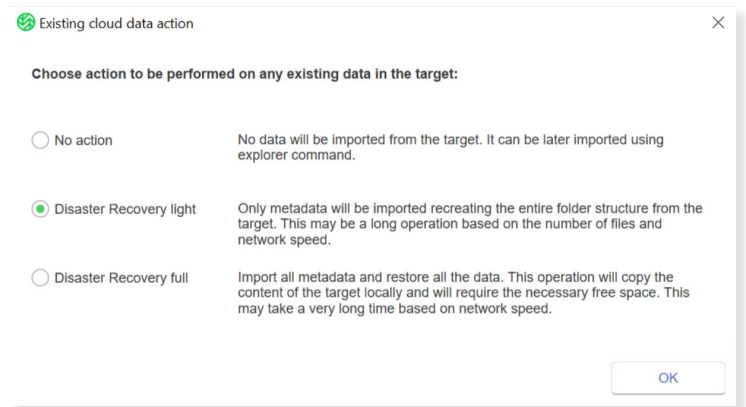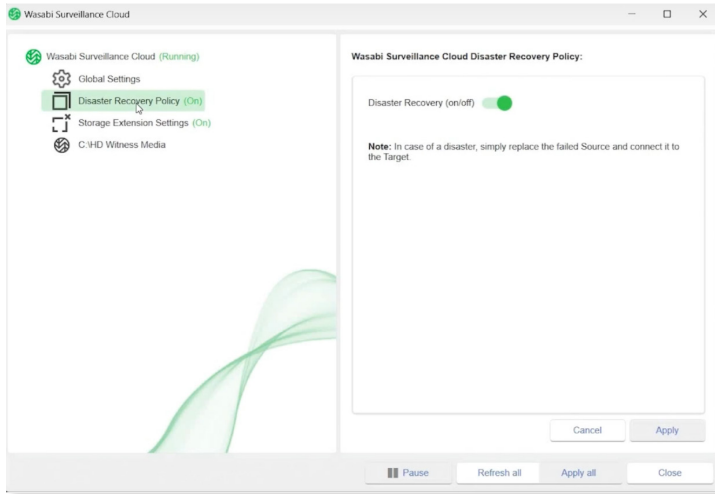
When connecting a Wasabi storage bucket to your on-premises recording source, you will have the option to turn on the Disaster Recovery Policy which will automatically replicate an exact copy of what is recorded to the onsite server. In the event of disaster or local failure, video copies can be restored immediately.

In the event of a restore, the user can choose from different actions to be performed on the replicated cloud copies.

Options Include:

No action – No data will be imported to a target immediately after a disaster but can be later imported using explorer command.

Disaster Recovery Light – Only Metadata will be imported, recreating the entire folder structure from the target when a disaster occurs. This may be a long operation based on the number of files and network speed.

Disaster Recovery Full – All metadata will be imported to the chosen target when restoring from the cloud after a disaster. This will copy the entire contents on the target locally and require the necessary free space to do so. This may take a very long time based on network speed.

In all scenarios where Disaster Recovery is enabled, users can start accessing their precious video data immediately and a full-restore is not required.

The Wasabi Surveillance Cloud Disaster Recovery feature is a robust, reliable, and cost-effective solution for safeguarding critical surveillance video. By leveraging Wasabi's high-performance cloud storage, organizations can have the peace of mind knowing that their surveillance video is securely backed up, protecting against data loss or corruption.

By adding Wasabi Surveillance Cloud to existing surveillance systems, users can maintain continuity, comply with regulatory requirements, and confidently manage their surveillance video.

See the full demo of Wasabi Surveillance Cloud here.

For further information on Wasabi Surveillance Cloud functionality, please visit the Wasabi Academy here.

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