GIGAS RECOVERY

gigas

CLOUD CONTINGENCY FOR INFRASTRUCTURE RECOVERY

Gigas Recovery protects and secures critical business services from service problems in your cloud-based infrastructure.

This dependable and economical continuity solution does not require the replication of the entire source infrastructure but only those servers that are critical, allowing – in the case of a contingency – the necessary infrastructure to be deployed to ensure the continuity of your business. Replicate virtualized servers with VMware.

Our solution ensures very low RTOs and RPOs as replication tasks are configured to even run every minute. It offers multiple recovery points to ensure the integrity of your data and allows for failover and failback testing without disrupting productivity.

MAIN FEATURES

- **Economical:** From €140 (US$150) per month per server, Gigas Recovery can create and maintain identical copies of the shutdown servers without needing to assign CPU and memory resources to clients during regular replication processes. This allows us to offer a very economical service, and clients only pay for the hours they use these resources when executing a contingency.

- **Flexible:** As Gigas Recovery allows server-to-server replication, you can decide on the number of servers you want our solution to protect.

- **Lower RPOs and RTOs:** Gigas Recovery lets you to restore activity almost in real time, and with little or no data loss. Configure replication tasks that run even every minute, making it one of the shortest RPOs available. You can also significantly reduce RTOs as the process only needs a few minutes to activate the contingency. Both features allow for an alternative that is much more efficient that traditional backup systems.

- **Installation and customized configuration:** Our technical team analyzes the client's technical architecture, configuring the service and creating a specific contingency plan for every case. This allow clients to know exactly what actions to take in case they need to activate the replicated infrastructure. In addition, our 24/7 Spanish-speaking technicians will provide you with continuous support during the duration of the service.

- **Security:** The information replicated is encrypted end to end, and our other security solutions (VPNs, dedicated lines, firewalls) can also be added.

- **Real-time information:** Thanks to our monitoring console that allows you to see information about each of the processes, you can check the status of the replication in real time.

- **Autonomous and independent management:** Our web management panel allows you to perform real-time failovers, failbacks and tests without having to request any intervention on our part. When response time is critical, you are totally free to perform the actions you need.

- **WAN optimization:** Using deduplication and compression technology, the bandwidths required for continuous replication are optimized.

- **Test the system as many times as you need:** Perform simulated failovers quickly and easily without affecting the productivity of your environments.

- **Reverse sync function:** Once the contingency has been executed, the system allows you to easily reverse the synchronization process enabling you to run your applications on the original infrastructure again.

- **Maximum number of VMs that can be managed:** Unlimited.

WHEN TO USE

Recuperation can be used:

- To protect yourself from any loss or failure due to a bad update of the OS, Ransomware attacks, viruses or accidental deletion.

- When the host or data storage fails as a result of power loss, hardware malfunction, infrastructure damage, or theft.

- In the case of natural disasters, such as fires, earthquakes, floods and hurricanes.

"A few years ago a fire broke out at 9:30 in the evening, but as our applications were in the cloud, we were able to run all our systems seamlessly that same night."

Juan Repiso
Managing Director at Baratz

RGPD READY

The GDPR-Ready features of our Gigas Recovery service:

- **Resilience:** Redundancy storage at various datacenters of Gigas' infrastructure ensures the resilience of systems and processing services. (Full information: GDPR - Art. 32, point 1, par. b)

- **Restoration:** Transfer the production workload to the recovery site within seconds to quickly restore availability and access personal data. (Full information: GDPR - Art. 32, point 1, par. c)

- **On-the-spot testing:** Allows testing so that you can try recovering from disasters in order to regularly assess the effectiveness of technical and organizational measures. (Full information: GDPR - Art. 32, point 1, par. d)

- **Redundant storage:** Redundant block storage on disk. (Full information: GDPR - Art. 32, point 1, par. b)

- **Network redundancy:** The network infrastructure to which the hosts hosting the cloud servers are connected is fully redundant to ensure network operation in the event a device fails. (Full information: GDPR - Art. 32, point 1, par. b)

- **VM snapshot:** Allows copies of the virtual machine to be created at a specific point in time. (Full information: GDPR - Art. 32, point 1, par. c)

- **Choose where to store your data:** Allows you to choose the infrastructure – from among Gigas' datacenter network in Europe and America – where you want to activate your own service, with no need to transfer unauthorized data. (Full information: GDPR – Recital 101)

TECHNICAL SPECIFICATIONS

ESPECIFICACIONES TÉCNICAS	
Uptime SLA	99,95%
Support	Includes support via a ticketing system and by telephone
Billing	Billing is monthly for replication, and by the hour in the case of contingency
Minimum contract length	1 month
Datacenters in which the service can be installed	Madrid, Miami, Santiago de Chile and Bogota