

Case Study

Cegedim.cloud Improves Its Cloud Infrastructure Visibility with Gigamon



Gigamon's visibility solution gives us complete visibility into our virtual health data hosting infrastructure. And thanks to the deduplication function, we are able to relieve and optimize the operation of our monitoring probe.

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Challenge

- Access to virtual infrastructure traffic to capture and analyse it as needed
- Agregate and deduplicate virtual infrastructure traffic with the physical network traffic to feed monitoring probes
- Extended visibility to all their data centres and optimise the monitoring tools performance

Solution

- GigaVUE® Cloud Suite for VMware
- GigaVUE HC Series
- GigaVUE-FM fabric manager
- GigaSMART®

Customer Benefits

- Gain deep observability into the virtual infrastructure
- Ability to capture traffic instantly and route it wherever it is needed for analysis
- Ability to make its own choices in terms of infrastructure, providing network teams with visibility into where they want to deploy their IT infrastructure

Cegedim (EURONEXT: CGM) is a services company in the field of digital data flow management for healthcare ecosystems and B2B, and a business software publisher for healthcare and insurance. Founded in 1969, Cegedim offers a full range of innovative solutions and services for healthcare professionals, healthcare companies (pharmaceutical laboratories, insurance companies), and companies in all sectors interested in outsourcing, secure hosting, and digitalized data exchange.

Under the brand name cegedim.cloud, Cegedim offers a unique range of cloud services for hosting critical applications and sensitive data, including facilities management, managed or platform as a service (PaaS) platforms, virtual on-demand or IaaS servers, and colocation.

Challenges

As a certified health data hosting provider, cegedim.cloud needs full visibility into its complex and compartmentalised infrastructure in order to prevent incidents and offer the best possible service to its customers.

While the group has already deployed the tools needed to monitor its physical network infrastructure (switches, routers, etc.), they need to be able to capture and route traffic from their virtual infrastructure to their physical metrology probe. Cegedim.cloud was therefore looking for a solution that could provide them with access to the traffic on their virtual infrastructure in order to capture and analyse it as needed.

Cegedim.cloud also wanted to incorporate this into a global project and extend visibility to all their data centres (Paris and Toulouse) while looking for a way to optimise the performance of their monitoring probe.

Solution

By choosing the Gigamon Deep Observability pipeline, cegedim.cloud's teams were able to gain visibility of the virtual infrastructure traffic they needed while optimising the operation of their monitoring probe thanks to the deduplication function enabled by

the intelligent matrix. Prior to the collaboration with Gigamon, cegedim.cloud's monitoring probe was at capacity limits and was absorbing ~37Gbps of traffic from the physical infrastructure (out of a total capacity of 40GB). By activating the deduplication feature, the traffic volume was halved, with no loss of visibility. This enabled cegedim.cloud to optimise the operation of its probe and keep it more durable.

Benefits

The installation and deployment of the GigaVUE-HC2, GigaSMART De-duplication, GigaSMART tunnel decapsulation/encapsulation, and GigaVUE-FM was carried out quickly and independently by the cegedim.cloud teams.

With a large virtual infrastructure like cegedim.cloud (roughly 2,000 virtual machines and 100 hypervisors) the teams needed a solution mature enough to meet their visibility needs. As soon as it was installed, cegedim.cloud was able to capture traffic instantly and route it to its monitoring probe.

With the Gigamon solution, cegedim.cloud can now make its own infrastructure choices, providing network teams with visibility into where they want to deploy their IT infrastructure, plus the ability to capture traffic and route it wherever it is needed for analysis. Now that Gigamon has provided this standard data collect layer for its virtual and physical infrastructures, cegedim.cloud is looking into new metrology probes as well as other options.

About cegedim.cloud

Cegedim's cegedim.cloud brand offers a unique array of cloud services for hosting critical applications and sensitive data: comprehensive outsourcing, managed platforms, platform as a service (PaaS), on-demand virtual servers, infrastructure as a service (IaaS), and colocation (private space in one of Cegedim's datacenters). cegedim.cloud is the IT hub of Cegedim Group, France's fifth-largest software publisher

(Truffle100 2020 ranking) and leading healthcare software publisher (Truffle100 and Syntec Numérique rankings). It has nine datacenters, including four in France. The rest are located in the U.S., Europe, and Asia. The company has more than 300 private clouds and 150 employees, all of which it uses to maintain the availability of its clients' critical applications and the confidentiality of its 400,000 daily users' sensitive data. To learn more, please visit cegedim.cloud. And follow us on LinkedIn.

About Cegedim

Founded in 1969, Cegedim is an innovative technology and services company in the field of digital data flow management for healthcare ecosystems and B2B, and a business software publisher for healthcare and insurance professionals. Cegedim employs almost 5,000 people in more than 10 countries and generated revenue in excess of €500 million in 2019. Cegedim SA is listed in Paris (EURONEXT: CGM). To learn more, please visit cegedim.com.

About Gigamon

Gigamon offers a deep observability pipeline that harnesses actionable network-level intelligence to amplify the power of observability tools. This powerful combination enables IT organisations to assure security and compliance governance, speed root-cause analysis of performance bottlenecks, and lower operational overhead associated with managing hybrid and multi-cloud IT infrastructures. The result: modern enterprises realize the full transformational promise of the cloud. Gigamon serves more than 4,000 customers worldwide, including over 80 percent of Fortune 100 enterprises, nine of the 10 largest mobile network providers, and hundreds of governments and educational organisations worldwide. To learn more, please visit gigamon.com.



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