zadara + **atom美 ATOMY**

ATOMY CHOOSES ZADARA TO DELIVER A STABLE SERVICE

Eliminate performance bottlenecks with Zadara Edge Cloud Services
and flexibly expand storage specifications to meet Atomy's needs

Atomy is a company that sells a variety of high-quality products such as cosmetics, health functional foods, living, and fashion, centering on its global network. It has about 15 million members in more than 20 countries, demonstrating the power of distribution channels.

Atomy needed storage to connect to a web server while considering cloud conversion for online shopping mall operation and internal IT infrastructure advancement.
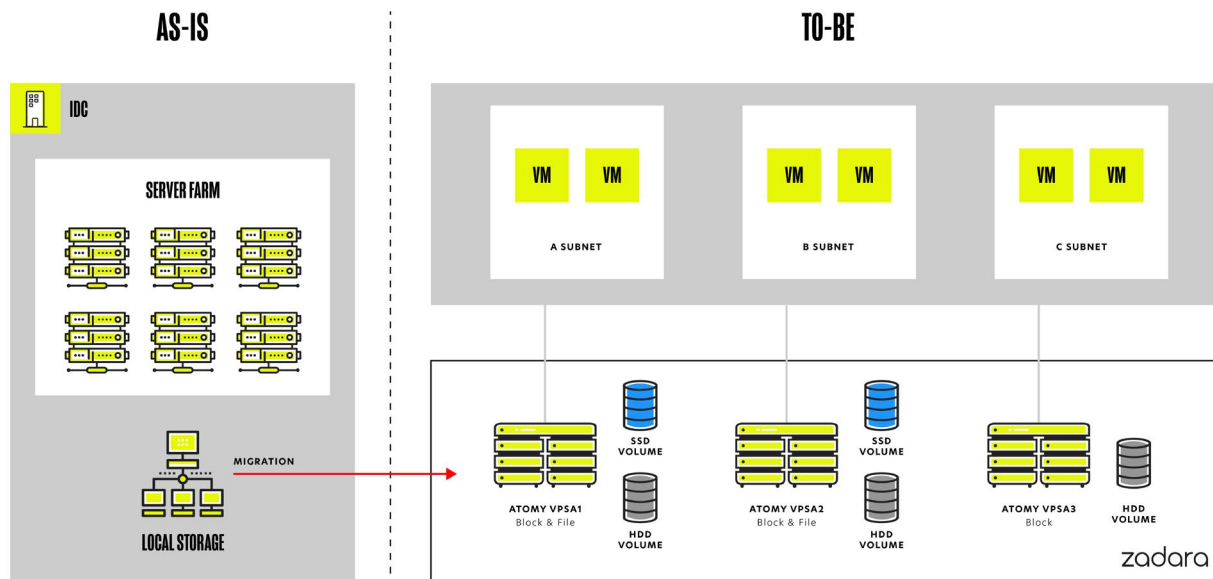
THE CHALLENGE

In the past, Atomy was operating the service by configuring the legacy infrastructure in data center. The biggest issue in the existing environment was performance. The web server of Atomy infrastructure required application updates due to periodic code modifications every week. Every time Atomy has updated their code and deployed a new application, they temporarily increased the storage load significantly. This was a major concern regarding the stability of the system and service operation.

Also, with the spread of COVID-19, the storage performance and availability requirements used by Atomy have emerged. As sales through offline channels were restricted, the proportion of e-commerce at Atomy expanded. As the number of customers accessing and purchasing products through online shopping malls increased, traffic increased, and high performance was naturally required for storage.

HIGHLIGHTS

- Improved service reliability with high performance

- Flexible performance changes to meet Atomy's needs

- Utilize storage for various workloads by using SSD and HDD together to configure VPSA

- Quickly respond to issues with 24/7/365 support from Zadara team

AS-IS

IDC

SERVER FARM

MIGRATION

LOCAL STORAGE

TO-BE

VM VM
A SUBNET

VM VM
B SUBNET

VM VM
C SUBNET

SSD VOLUME

SSD VOLUME

ATOMY VPSA1
Block & File

HDD VOLUME

ATOMY VPSA2
Block & File

HDD VOLUME

ATOMY VPSA3
Block

HDD VOLUME

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THE SOLUTION

Atomy migrated its infrastructure environment from Data Center to the cloud, and at the same time started using Zadara storage. A VPSA (Virtual Private Storage Array) was configured by using an SSD and HDD together in Zadara Storage.

THE BENEFITS

Atomy was able to improve service stability while eliminating issues such as performance bottlenecks by using the high-performance Zadara VPSA. Even with very infrequent related issues, they were able to get immediate support from the Zadara support team, so they were resolved quickly and stability was not negatively affected.

Even after the spread of COVID-19, the performance specifications of Zadara Storage were flexibly and immediately expanded to reliably respond to increased traffic and provide services.

In addition, by using SSD and HDD together, it is possible to use storage suitable for various workloads while not only satisfying the requirements for high performance, but also increasing cost efficiency.

WHAT'S NEXT

Atomy is aiming for steady growth in a broader market by aggressively entering overseas markets within the next two to three years. Atomy expects that infrastructure, including Zadara storage, will become an important foundation for future growth.

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Zadara is enterprise storage made easy.
Any data type. Any protocol. Any location.

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