

Energy Company Modernizes Data Center Operations & Unstructured Data Management



Overview:

A global oil and gas services provider with data centers around the world has been modernizing and optimizing its infrastructure and digital services, transitioning workloads and storage to multiple cloud service providers to shrink data center space and reduce capital expense (CAPEX) spending.

The company also uses the cloud to deliver digital services to its customers such as managing data generated from equipment at the bottom of the ocean. "Our biggest goal today in IT is to pivot to a more OPEX-driven environment and reduce CAPEX IT spending," says the data center manager responsible for the global storage infrastructure and the rollout of Komprise.

Key Stats

Industry: Energy

Data Analyzed: 3PB

Data Moved: 1.3PB Deployed at 11 sites

Storage: NetApp, Azure

Backup solution: Veeam, CommVault, NetBackup, ExaGrid

Use cases: Komprise Analysis, Cloud Tiering, Data Migration

Results: Moving 85% of data to cold storage in the cloud saves significantly on storage, backups and data center space.

Solution

In 2019, the company began looking for an unstructured data management solution to analyze data and manage the storage environment more efficiently, ultimately choosing Komprise to help achieve numerous objectives in that regard. One factor that led them to select Komprise is how the software solution can support many storage platforms, enabling one interface to achieve the same result universally regardless of what hardware OEM is in place. With the experience of divestitures and mergers in the past, having a tool that can both consolidate and separate data was key to selecting a partner and a solution.

Results



- **Cloud Tiering:** With more than 10PB of file and object data sitting on Tier 1 storage, the company is using Komprise to tier rarely-used “cold” data to cloud storage. By shrinking the unstructured data storage and shifting 85% of this to the cloud, the company significantly reduced the on-premises storage footprint for hot data. This in turn, slashed the requirement for space, power and cooling in the data centers and costs for refreshing aging storage arrays. The company also reduced data protection needs as well as both expenses and licensing costs for backups and the backup storage hardware targets. **“This pays off for us over and again and 85% of our data is cold, just like the Komprise literature says,”** the data center manager says.
- **Komprise Analysis:** The company is leveraging Komprise Analysis and the Global File Index to gain full visibility on all data in storage and uncover anomalies and trends requiring action:



- The infrastructure team discovered DVD libraries owned by employees against corporate policy.
- In another case, they found a large volume of Lotus files that should have been deleted after a recent merger.
- Additionally, they are using Komprise to clean up data from employees no longer with the company.
- Komprise Analysis is also useful to help business units evaluate the data sets they own and make better business decisions—such as supporting legal forensic investigations that can go on for many years. These legal cases can consume large amounts of Tier 1 data, driving up the cost for storage, data protection, and management. Using Komprise, IT can move the legal data into cold storage to cut costs while an investigation may be on hold and then move it back to hot storage when needed.



“Regardless of on premise or in the cloud, Komprise data migration is the key to data center modernization,” the data center manager says.

- **Modernizing unstructured data management:** While the initial needs for Komprise focused on traditional unstructured data management and cost optimization, the solution has become a means to optimize overall data center operations. With the initial sites deployed and the technology fully validated, the company will add more sites for management by Komprise.
- **Independent data management:** The Komprise data migration capabilities now enable a utility perspective on the storage OEM, according to the data center manager. While previously locked into a single storage partner, Komprise easily allows data mobility from one platform to another. This reduces the need to purchase siloed data migration tools and professional services, saving time and money. As a customer, they are in control and have more options on what platforms they use and how they do so. “Regardless of on premise or in the cloud, Komprise data migration is the key to data center modernization,” the data center manager says.



Over the years, the IT organization has received fast, attentive support from Komprise, according to the data center manager. “Attention to detail for us is huge,” he explains. “To have one person who’s always working with us and on the regular calls, makes a big difference. Komprise is a really great technical solution that is easy to consume and also offers an excellent services and support team.”

ABOUT KOMPRISE

Komprise is a provider of unstructured data management and mobility software that frees enterprises to easily analyze, mobilize, and monetize the right file and object data across clouds without shackling data to any vendor. With Komprise Intelligent Data Management, you can cut 70% of enterprise storage, backup and cloud costs while making data easily available to cloud-based data lakes and analytics tools.

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