

MODERNIZE HPC AND IT DATA MANAGEMENT in OIL & GAS



Profile

Oil and Gas companies use technology as a key differentiator to meet growing energy demands with lower operating costs. An oil and gas company turned to Komprise to lower the cost of managing seismic data by identifying and transparently archiving cold data on object storage. Komprise identified cold inactive data that could be stored and managed on secondary storage, and transparently archived the data. Users could see the moved data as files exactly as before through Komprise.

Environment Snapshot

- Managing petabytes of data (both NFS & SMB/CIFS)
- On-premise object storage
- Komprise data management software

Key Challenges

- Lots of legacy data, company grew through consolidation, so very hard to get a single view into how data is growing and why
- Corporate mandate to modernize IT and streamline operations
- Drive consumption of object storage without disrupting file-based access
- Business users should not have to go elsewhere for their data – moved data should be accessible as files exactly as before.

The Solution

The customer picked Komprise because it was simple to deploy. Komprise provided the much needed visibility across the customer's storage into how data was being used. They were able to identify cold, inactive data that could move to object storage. The customer was able to quantify cost savings, and set policies in Komprise to exclude data belonging to certain groups and users from moving. Using Komprise, the customer also put a low cost DR copy in the object store for some of their newer data. Most importantly, users and applications did not see any change – Komprise preserves file-access to all the data from the source exactly as before.

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Komprise enables us to manage storage as a business, and not as an IT cost

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SVP of Information Technology
Oil & Gas



Benefits

- **Data Visibility:** Identify hot and cold data across storage
- **Transparent Archiving with Exclusions:** Transparently archive data to the cloud by policy and exclude some data from moving to the cloud.
- **Lower Storage Costs:** Cut costs, shrink backups by reducing the actively managed footprint
- **No Changes to User or Application Access:** Users and applications see no changes or disruption
- **Data Retrieval:** Manage cloud costs by using Komprise to throttle retrievals from the cloud

Why Komprise?

- Single solution that works across NetApp, EMC, IBM, AWS and other storage
- No static stubs that get corrupted or orphaned
- No storage agents
- No data virtualization or changes to the hot data path or metadata path
- Native access to moved data
- No expensive licenses
- No scaling limits
- No manual QoS management needed



Recap

Komprise Intelligent Data Management

Komprise enables businesses to handle the incoming flood of data by providing automated software that adapts to the customer's environment and scales across their storage silos, on-premise and cloud storage. The Komprise data-aware management software empowers businesses to manage today's massive scale of data growth while unlocking data value. Komprise analyzes data across storage, and moves data transparently by policy across NFS, Lustre, SMB/CIFS and REST/S3 storage. The modern scale-out architecture required no agents, no dedicated hardware or storage, no complex setup or proprietary integrations, delivers native access to data in the cloud and is delivered as a hybrid cloud service.



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Let's Chat

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