

Control your storage footprint

Intelligent data management with HPE, Komprise, and iTernity reduces cost, complexity, risk, and effort

Komprise

Komprise is an intelligent data management and mobility solution that frees you to analyze, mobilize, and access file and object data across vendors and siloes. With Komprise, you can understand your data first, allowing you to intelligently move to appropriate HPE storage offerings and take control of unstructured data growth while significantly reducing storage and backup costs.

HPE and iTernity

Managed scale-out storage with HPE and iTernity cuts overall costs, reduces effort and complexity, and eliminates the risk of data loss and manipulation.

- 53% lower TCO and 61% less time to manage compared to public cloud storage
- Fully managed storage platform with minimized effort for the IT department
- Start small (20 TB) and scale without limits
- Use efficient HPE Apollo servers in combination with the software-defined iCAS FS to avoid vendor lock-in
- WORM and S3 Object Lock to protect, archive, and backup data from encryption by malware

Today's IT infrastructures are complex, data is constantly growing and must be protected against multiple threats. What is the alternative to buying more storage, dealing with complexity, and stretching budgets?

Bigger does not equal better. Organizations can break out of the vicious circle of data growth, cost pressure, and complexity by focusing on data intelligence.

Komprise finds and analyzes data across all storage, providing visibility into hot versus cold data and data growth patterns. It allows companies to transparently move infrequently accessed data to cost-efficient software-defined storage from HPE and iTernity.

Business challenges

1. Complexity and data growth:

Data volumes are growing rapidly, IT infrastructures get lost in the complexity, and urgently needed IT specialists are rare. Therefore, efficiency and simplicity are becoming the central factors in the selection of a data storage and management solution.

2. Cost: Data management, protection, and storage must be designed for the long term—just like the cost perspective. Yet data protection must be highly cost-effective, without overburdening the IT department.

3. Security: Malware, insider attacks, data loss, and system failures are causing concerns for IT managers and forcing IT departments to look for secure means that effectively protect their data and infrastructures.

automate intelligent data placement to appropriate HPE and iTernity tiers. The end-to-end solution is available through the HPE GreenLake edge-to-cloud platform and provides intelligent data management and scale-out storage.

What's in it for you?

Understanding data is key to managing it more efficiently. See how HPE, Komprise, and iTernity can help streamline costs, create more efficient storage, and increase the resiliency of business data.

iTernity iCAS FS is a software-defined scale-out storage platform leveraging HPE Apollo servers. When large data volumes need to be stored cost-effectively, securely over the long term, and with high availability, iCAS FS is a perfect choice—whether as a secure backup target, compliant archive, or managed object storage.

• Reduce total cost of ownership (TCO)

iTernity cuts TCO by 53% compared to public cloud storages and reduces the time to manage by 61%, with no extra licenses for WORM and Object Lock functionalities.¹ Komprise helps to maximize storage investments through transparently tiering to cost-efficient storage. Komprise analyzes data on any NAS, models data management plans, and provides the tools to take action.

Hewlett Packard Enterprise, Komprise, and iTernity help organizations to easily optimize the utilization of their primary storage and

¹ "Quantifying the Economic Benefits of the iTernity iCAS FS Archival Storage Platform," ESG, 2020

Solution brief

iTernity and Komprise participate in HPE Complete program that provides:

- **Completeness**—Enables the acquisition and simplifies the integration of best-in-class third-party products that complement and complete HPE solutions to complex customer problems. Through HPE, customers get the benefits of a complete infrastructure solution, validated and supported by HPE.
- **Convenience**—The HPE Complete engineering creates and maintains HPE and third-party product integration and sizing guides and creates unique, easy-to-order hardware configurations specifically designed and validated for use with third-party solutions. These solutions come with the customer convenience of being on one HPE purchase order and can be delivered through HPE GreenLake edge-to-cloud solutions.
- **Confidence**—The HPE Complete offerings have been through the HPE Complete Assured compatibility and interoperability validation process, which helps ensure solutions work in the HPE ecosystem at the time of deployment. Additionally, all third-party solutions have continuous HPE oversight to ensure the product offered continues to work well into the future.

• Remove complexity

iTernity Managed Services take care of the iCAS FS storage platform; there are no additional operational costs involved. Rely on one storage platform for multiple use cases while Komprise provides insight on data growth and usage while managing and moving or copying the data automatically.

The iCAS FS storage platform offers synergy in terms of storage, availability, and protection of business-critical data.

Organizations can consolidate their backup storage, compliant archive, and long-term storage while reducing the management overhead and complexity.

• Scale without limits

Start small and grow as needed, from one-to-many nodes. iCAS FS is a scale-out platform for backup, archive, and business-critical data of all kinds. The software-defined storage starts at 20 TB and one node, and scales without limits.

• Increase security, reduce risk

HPE, Komprise, and iTernity provide resilient ransomware protection including built-in threat and anomaly detection along with end-to-end data security with encryption. Object Lock provides immutable backup copies to protect against ransomware.

Additional WORM storage protects other business data, for example, archive data. The data immutability prevents encryption and deletion while providing a clean copy for reliable recovery and fulfillment of compliance requirements.

Summary

Data volumes are exploding, and IT infrastructures are becoming more complex. At the same time, skilled workers are rare and IT budgets can't keep up with the flood of requirements.

The quick answer for these challenges is to buy more storage, manage complexity, and stretch IT budgets.

HPE, Komprise, and iTernity offer a future-proof and worry-free alternative that reduces cost, helps eliminate complexities, decreases effort, and protects business data in the long term.

By optimizing the use of primary storage and automating intelligent data placement to secondary tiers, organizations can break out of the vicious circle of data growth, cost pressure and complexity, and focus on data intelligence.

Learn more at

hpe.com/storage/iternity-via-hpe-complete

hpe.com/storage/komprise-via-hpe-complete

hpe.com/us/en/storage/hpe-complete.html

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