COMMVAULT®

iTernity

ONE STEP AHEAD OF RANSOMWARE

IMMUTABLE BACKUP INTELLIGENCE & DATA PROTECTION

Today's ransomware attacks often manipulate backup data in the first step before encrypting live data and demanding the ransom. As a result, data cannot be restored as the backup has been corrupted in advance.

A modern backup solution must therefore consider the complete architecture from backup software to storage. The aim is to avoid an error-prone infrastructure patchwork, minimize the attack surface, protect backup data from changes and ensure fast recovery. In the end, the point is to be one step ahead of ransomware and resisting ransomware demands.

BUSINESS CHALLENGES

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

Cost
The cost and effort of repairing damage after a ransomware attack or a natural disaster exceeds the cost of preventive protection. Yet data protection must be designed to be highly cost-effective, without overburdening the IT department.

Complexity & growth
Considering the rapidly increasing data volumes, the complexity of IT infrastructures and the shortage of IT specialists, efficiency and simplicity are becoming the central factors in the selection of a backup solution.

SOLUTION & KEY BENEFITS

Increase security, Minimize risk

iTernity and Commvault 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 protection for other business data. This data immutability prevents encryption and deletion while providing a clean copy for reliable recovery.

Reduce complexity

Managed Services take care of the backup target, no need for additional operational costs; one storage platform for multiple use cases while Commvault provides simple, comprehensive backup and archiving from a single extensible platform and user interface.

The iCAS FS scale-out platform offers enormous synergy effects in terms of storage, availability, and protection of your business-critical data. You can consolidate your backup storage, archive, and long-term storage while reducing your management overhead and complexity. iCAS FS is a validated S3-compatible Object Storage Library for Commvault and thus the perfect backup target for Commvault backups.

Scale without limits

Start small and grow as needed, set up 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 scales without limits starting at 20 TB and one node, and impresses with low TCO, great ease of use and high flexibility. Combining Commvault with iTernity provides a scalable, secure, and flexible backup solution that meets the long-term data protection needs of any organization and provides a cost-effective way to solve today's backup storage challenges.

Lower Total Cost of Ownership (TCO)

iTernity lowers TCO by 53% compared to Public Cloud storage and reduces administration efforts by 61%, with no extra licenses for WORM and Object Lock functionalities.[1] Commvault improves productivity (35%) and reduces cost and recovery time (40% +) with comprehensive data protection.[2]

Meet data protection objectives

The industry's broadest workload coverage for on-prem, virtual, physical, application, databases, cloud, SaaS and more. Fast backup and restore from the iCAS FS backup target to meet your RPO/RTO. Trusted recovery including granular restore of data and applications, allowing you to quickly restore an entire server, app, or single file.

SUMMARY

Data volumes are exploding, backups are targeted by ransomware, 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.

Commvault and iTernity help you protect your data against ransomware and data loss. The S3-compatible solution with Object Lock makes life hard for ransomware and provides reliable and future-proof data protection. The combination of Commvault and iTernity improves backup and storage efficiency while removing cost, risk, and complexity from data protection.

Be one step ahead of ransomware and protect your data in the best possible way.

[1] ESG „Quantifying the Economic Benefits of iTernity iCAS FS, ESG 2020, https://iternity.com/en/esg-tco-icas-fs/
[2] IDC „Quantifying the Business Value of Commvault Software", IDC 2018, https://www.commvault.com/cut-IT-costs

GET IN TOUCH WITH OUR EXPERTS

Would you like to learn more about the joint solutions of iTernity & Commvault? Discuss your challenges and questions directly with us:

sales@iternity.com | +49 761 590 34 810