✓DataKeep™

It's time for you to look at Object Storage!

With today's exponential growth in data volume - typically, only 10% of your data is used on a regular basis – and after ten to twenty days, that data is rarely used. But you can't delete it - at least not right away - and it probably has personal, sensitive, or confidential material that needs to be protected. That's 90% of your data that is infrequently used and storage resources that could be better optimized!

What is Object Storage?
- It is simply a means of efficiently and cost effectively storing larger quantities of data.
- It can be easily duplicated without complicated fault-tolerant arrays for resiliency and durability.

Why look at Object Storage?
- It's cheaper for long term storage.
- It can be utilized on-premise or in one or more clouds.
- It's great for backup/restore - and maybe even better for Ransomware Recovery.

How will you use it?
Take your pick - just remember that it needs to be used securely:

1. Mass, Scalable storage for 90% of your data:
   - Lower cost for hardware, facilities, maintenance and technical resources.
   - Companies struggle with the on-going CAPEX needed to increase their storage capacity, and the data-center infrastructure needed to house it. Turn that precious cash resource into a smaller OPEX with a cloud-based alternative.
   - The 90% of infrequently used data likely contains personal, sensitive or confidential data, and needs to be secured.
2. Backup/Restore is more efficient and durable than tape archives.

Let's start with how you should securely leverage Object Storage. Yes, Cloud providers will, in most cases, secure the data within their environment (server-side). However, this leaves big gaps in your security position - namely in the transition to the cloud (from on-premise to the cloud provider), and who actually is controlling the security (usually the cloud provider - not you).

DataKeepTM covers the gaps, provides strong security, keeps your costs down, and puts you in control via its Object Store Agent:
- Starts with data protection on-premise (client-side).
- Sends the data to object storage locally or in one or more clouds.
- M:N capability allows you to send to multi-clouds with resiliency (effectively striping the data across multi-cloud environments) - having the added benefit of avoiding cloud provider lock-in.
- Enabled for BYOK (Bring Your Own Key) via PKCS #11 interface for Luna HSM.

Let's talk Ransomware
- The US Department of Homeland Security has stated that an effective backup/restore or disaster recovery solution is the only effective remediation or recovery from a ransomware attack.
- Best practice requires the backup to be secure and separated from the primary data-center and network used for operations or production.
- DataKeep delivers the most effective ransomware recovery capability by combining the File and Volume agents native backup and restore capability with the Object Store Agent to put the data securely in multiple cloud locations with resiliency - leveraging the low cost of object storage.

In summary
You can finally leverage the low-cost of object storage in the cloud with the trust needed to assure data privacy and resiliency with DataKeep and its Object Store Agent. Low cost backup/restore, and leading ransomware recovery capabilities are at hand.

SecurityFirst™ delivers data-centric solutions that address the high-profile cyber threats facing organizations today, such as data breaches, ransomware and cloud security. We emphasize protection of the data itself to serve as your last line of defense. Data is always protected no matter where it resides and recoverable in the event of an unexpected failure or malicious attack. As organizations and governments mandate stricter requirements for data privacy, SecurityFirst helps protect data from compromise and exposure.

DataKeep™, by SecurityFirst, secures critical data at its core to deliver unrivaled protection, control and resiliency. Customer-defined access policies, strong encryption and event logging combine with native secure backup/restore capabilities to address your data privacy, compliance and recovery needs. Organizations can utilize the backup and restore capabilities with object storage for secure cloud backup and archiving to improve resiliency and enable prompt recovery of archived data in the event of a ransomware attack.

✓SecurityFirst™
Data–Centric Cyber Solutions

For a product demonstration or more information call
1–888–884–7152
securityfirstcorp.com