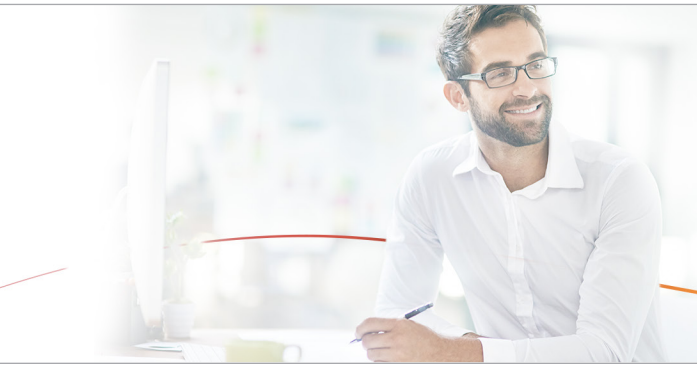
VERITAS™ The truth in information.



Object Data Intelligence With Veritas Cognitive Object Storage

The truth in software-defined storage.

VERITAS COGNITIVE OBJECT STORAGE (FORMERLY VERITAS CLOUD STORAGE)

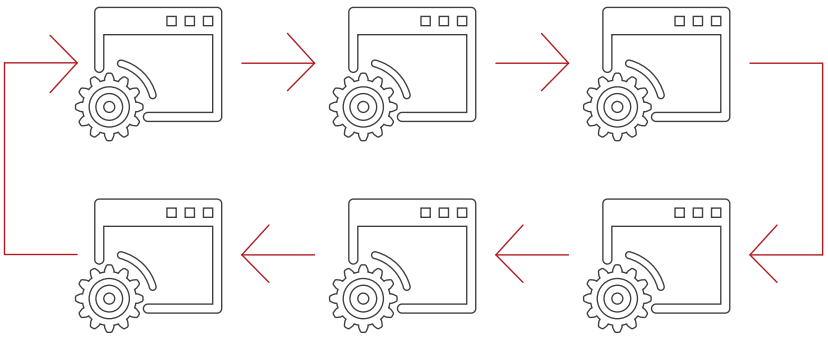
By all accounts the amount of data is continuing to grow relentlessly. It is commonly accepted that the vast majority of this growth is coming in the form of unstructured data. The proliferation of initiatives related to trends such as big data and internet of things (IoT) are serving to drive this growth in unstructured data. In recent years, adopting an object based (rather than file or block based) approach to data has been gaining currency and this is evident in many newer, "cloud-native" applications, typically using public cloud storage. Attracted by the promise of better insights and competitive advantage, organizations are increasingly undertaking data-intensive projects. Yet greater regulatory oversight requires that they must pay closer attention to where and how the data are stored. Public cloud approaches are not always the most cost-effective, flexible or simplest from a compliance perspective. Veritas™ Cognitive Object Storage aligns with Veritas' 360 Data Management™ approach and takes a flexible approach to how applications work with storage. It is designed to address current and emerging object storage data management challenges and offers the opportunity to make the most of your data by enabling software innovation and compliance, cost-effectively.

6ZB→52ZB

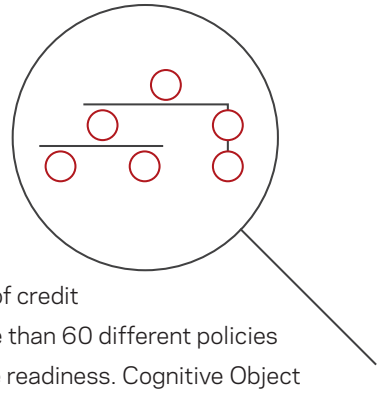
AMOUNT OF DATA FROM
2014 TO 2020
ACCORDING TO THE CAMBRIAN EXPLOSION OF DATA

ENABLING INNOVATIVE APPLICATIONS

Data is the lifeblood of a modern organization and it is software that allows you to protect and extract maximum value from that data. To facilitate innovative applications Veritas Cognitive Object Storage provides a rich array of protocols for data ingest and access such as not only S3 and Swift but also protocols such as MQTT for addressing emerging IoT workloads. In addition to the flexibility provided by the diverse access protocols Cognitive Object Storage also includes a workflow engine. Developers can use the workflow engine to create workflows to meet business needs by stitching together disparate applications. Being able to easily create workflows that act on the data can allow quick prototyping and identification of valuable opportunities. The solution provides the ability to associate custom metadata with objects enabling advanced analytics. A JDBC connector allows users to interface their existing BI apps with the storage. Taken together these capabilities along with additional out of the box tools such as SDKs for multiple languages and plug-ins for HDFS, Kafka and Storm serve to make Cognitive Object Storage a versatile storage solution for innovative modern applications and a RESTful API exposes the functionality for easy programmatic use.



MANAGING AND GOVERNING DATA



Understanding the data you have is the first step to ensuring sound management and governance. The solution provides indexing at metadata level. Veritas Cognitive Object Storage also uses the Veritas Information Classification Engine for deeper inspection and classification of the data to help ensure that sensitive or risky information is properly managed and protected. This innovative technology provides broad visibility into personally identifiable information (PII) and helps companies comply with strict data protection requirements worldwide, like the European Union's forthcoming General Data Protection Regulation (GDPR) through enabling appropriate retention policies. The classification engine includes more than 100 pre-configured patterns for recognition of credit card and social security numbers, medical records and other PII. It also comes pre-loaded with more than 60 different policies for GDPR, HIPAA, Sarbanes-Oxley and other regulations around the globe to accelerate compliance readiness. Cognitive Object Storage has a rich set of policies that address retention and data protection needs and is geo-aware which allows for storing content in prescribed locations.

SCALING COST-EFFECTIVLY AND RESILIENTLY

The growth of data is a given as is the need to efficiently and cost-effectively handle that growth. A robust, modern storage solution should take the data growth in stride. Veritas Cognitive Object Storage allows for seamless and easy growth so that your environment can grow as large as your needs require without imposing onerous upgrade challenges. The global namespace coupled with geo-awareness provides for cross data center redundancy. In addition to policy-driven protection, the solution incorporates bit rot detection & correction and in-flight & at-rest encryption to keep data safe. Techniques such as compression and erasure coding help ensure that the underlying storage is used efficiently for overall cost-effectiveness.

To learn more visit: **veritas.com/cos**

ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies empowers businesses of all sizes to discover the truth in information—their most important digital asset. Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multicloud data management, data protection, storage optimization, compliance readiness and workload portability—with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage. Learn more at **www.veritas.com** or follow us on Twitter at **@veritastechllc**.

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