

Appistry® CloudIQ® Storage

Intelligent Storage for Data-centric Application

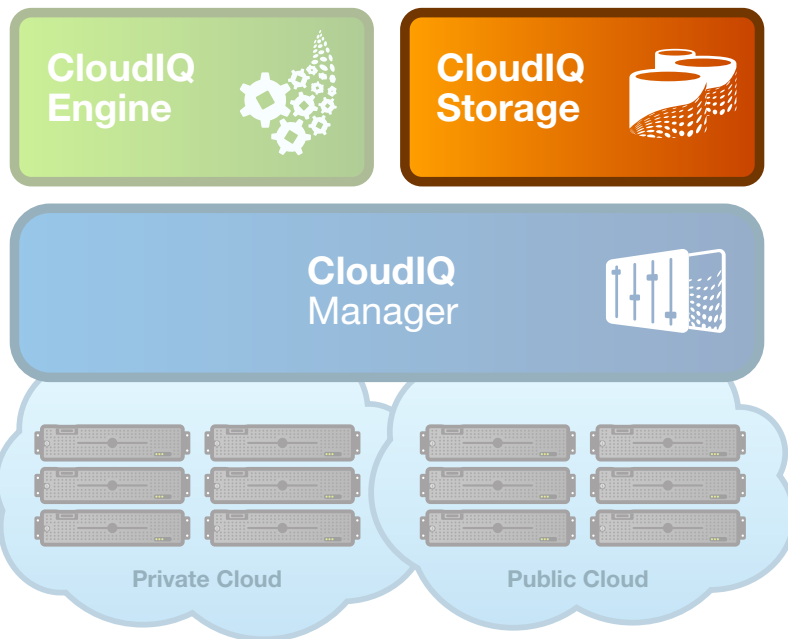
“Fresh, radical and powerful technology aimed at meeting the needs of highly demanding business problems.”

Massimo Pezzini

Vice President of Research and Distinguished Analyst, Gartner

Appistry CloudIQ Storage is software that creates a scalable, reliable and highly cost-effective file storage system with no single points of failure, using only commodity servers and networking.

CloudIQ Storage may be used as a stand-alone cloud storage system or in conjunction with Appistry CloudIQ Engine to enable *Computational Storage*™, which unifies applications and data to deliver unprecedented performance at commodity prices for data-intensive applications. Plug-and-play compatibility with the Hadoop Distributed File System (HDFS) offers an easy upgrade for Hadoop users with mission-critical requirements.



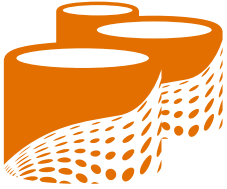
Appistry CloudIQ Platform is the most complete, advanced, and proven platform for delivering enterprise-grade cloud applications.

Massively Scalable File Storage

Appistry CloudIQ Storage is architected for petabyte scale, featuring a fully-distributed architecture with no single point of failure or network bottlenecks. Every machine in the CloudIQ Storage system is capable of storing and serving files and processing administrative requests. CloudIQ Storage can easily service large numbers of client requests by distributing the work across many machines.

Users can incrementally scale the capacity of a running CloudIQ Storage system by adding new servers and storage, without downtime. CloudIQ Storage is self-organizing, automatically balancing disk utilization across machines, maximizing efficiency and eliminating hot-spots.

CloudIQ Storage offers a robust HTTP-based REST API, providing programmatic access to stored files and facilitating service provider applications.



Appistry CloudIQ Storage:

Intelligent Storage for the Cloud

Reliability and Disaster Recovery

CloudIQ Storage allows users to specify policies governing the replication of data within the system, enabling high levels of fault tolerance. CloudIQ Storage oversees system health and can take appropriate action upon disk or server failure.

A single instance of a CloudIQ Storage system can span multiple data centers. CloudIQ Storage is able to mirror and distribute files across all cloud storage servers so that the loss of any one data center does not limit access to data.

Computational Storage

Traditional application architectures rely on the transfer of data files over expensive and bandwidth-constrained interconnects to be processed by application logic. CloudIQ Storage, by contrast, allows servers to be used for computational purposes as well as for file storage. This capability, coupled with CloudIQ Platform's ability to intelligently migrate application processing to the machines containing the relevant data is called computational storage. Computational storage enables the dramatic reduction of capital and operating costs and improved performance for high-throughput applications.

Hadoop Edition and HDFS Compatibility

Appistry CloudIQ Storage *Hadoop Edition* provides plug-in compatibility with the Hadoop Distributed File System (HDFS), allowing Hadoop users to utilize CloudIQ Storage as a replacement for HDFS for applications where reliability and throughput are key considerations. Because CloudIQ Storage has no single point of failure and no centralized bottleneck, it is more scalable and reliable than HDFS, and more suitable for mission-critical deployment.

Service Provider Edition for MSPs

Appistry CloudIQ Storage *Service Provider Edition*, coming soon, will provide unique features, licensing, and support options specifically designed to meet the needs of managed service providers (MSPs). MSPs interested in *Service Provider Edition* should contact Appistry for additional information and early access.

Benefits:

- Unmatched performance for high-volume, data-intensive applications, at commodity price-points
- Slashed overall TCO
- Reduced up-front investment, without loss of control
- Simplified development of web-scale applications
- Increased application uptime
- Ensured business continuity through geographically-aware disaster recovery
- Accelerated time-to-market

Appistry CloudIQ Platform: A Smarter Approach to Cloud Computing

Cloud computing promises a new level of enterprise competitiveness, and Appistry CloudIQ Platform makes that vision a reality. Appistry CloudIQ Platform enables a new generation of highly scalable, extremely reliable, data-centric applications to be delivered at a fraction of the time, cost and complexity of traditional approaches. Reinventing the enterprise application platform for private, public and hybrid clouds, Appistry is delivering next-generation platform-as-a-service, today. With the most comprehensive platform and the most successful customers, Appistry is the leading provider of enterprise PaaS software and services. Appistry customers include global leaders like FedEx, State Street Bank, and Northrop Grumman, and multiple U.S. Government agencies.

For more information about Appistry, please visit www.appistry.com.

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