

Cloud Native Storage Market worth \$79.38 billion by 2030, growing at a CAGR of 23.94% - Exclusive Report by 360iResearch

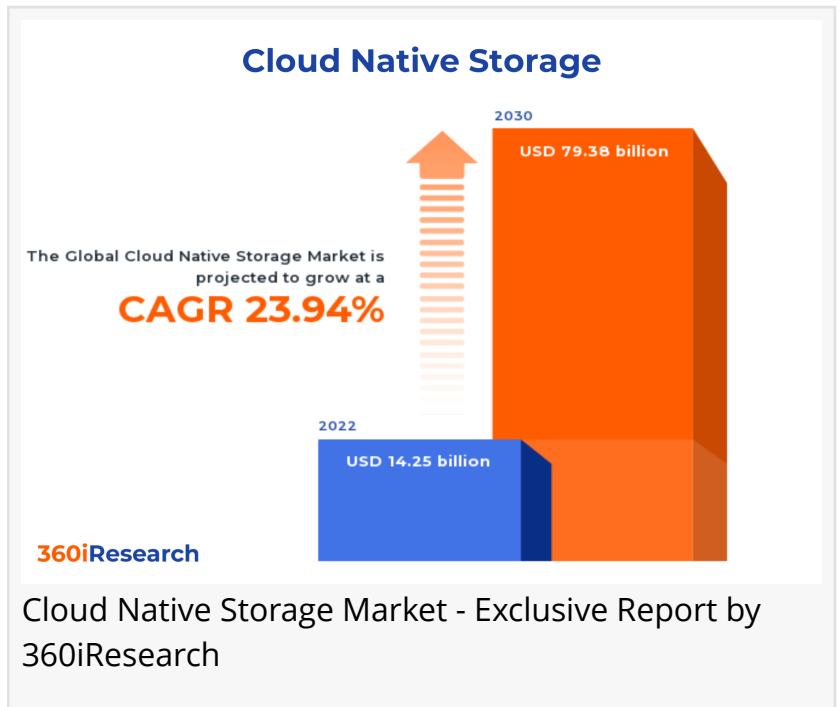
The Global Cloud Native Storage Market to grow from USD 14.25 billion in 2022 to USD 79.38 billion by 2030, at a CAGR of 23.94%.

PUNE, MAHARASHTRA, INDIA, November 10, 2023 / EINPresswire.com/ -- The "[Cloud Native Storage Market](#) by Component (Services, Solutions), Organization Size (Large Enterprises, SMEs), Deployment Type, Vertical - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

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The cloud native storage market encompasses the solutions, services, and technologies designed to address the unique requirements of modern applications built on containerized architectures, microservices, serverless computing, and other cloud-native paradigms. These storage systems are inherently scalable, highly available, and optimized for high performance in dynamic environments. Cloud native storage systems cater to various applications across different industry verticals, which support both stateful and stateless applications that require varying levels of data persistence, ranging from simple file serving to complex database management systems. Several factors are driving the growth of the cloud native storage market, including digital transformation initiatives, an increase in containerized workloads, a rise in multi-cloud deployments, and higher requirements for data security and compliance. Data migration complexities, skill gaps, and talent shortages created challenges for market growth.



Along with these, security vulnerabilities and privacy risks associated with hosting sensitive data in third-party infrastructure are other factors that challenge the development of the cloud native storage market. However, innovation in AI-driven data management, along with developing solutions that help customers navigate complex regulatory landscapes, is enabling players to capitalize on the cloud native storage market's potential.

Deployment: Increasing utilization of private cloud native solution by end-users

The private cloud represents organizations that deploy their dedicated infrastructure within their data centers or through managed services providers. These companies typically prioritize data security, compliance, and control over their IT resources, which makes them inclined towards using private clouds for deploying cloud native storage solutions. Industries such as finance, healthcare, government agencies, or other sectors with strict regulatory requirements opt for private clouds. The public cloud segment encompasses businesses that leverage third-party services to host their applications and store data on a shared infrastructure. Cloud native storage solutions offered by major public cloud providers comprise diverse capabilities such as block storage, file storage, and object storage. They also provide seamless integration with other cloud-native services for container orchestration and serverless computing platforms.

Component: Efficient cloud-native storage solutions to cater demand across artificial intelligence (AI) and edge computing

Services in cloud native storage are divided into three subcategories, including consulting, integration, and support & maintenance services, with each of these services catering to different aspects of an organization's cloud storage requirements. The consulting services are essential for businesses looking to transition towards cloud-native storage or optimize their existing cloud infrastructure, which entails assessing current systems and needs and providing strategic guidance on adopting best practices, choosing appropriate solutions, and planning for future growth. Integration & implementation services deliver end-to-end support throughout the implementation process, from installation and configuration to customization and integration with existing applications or third-party tools. Providers in this space ensure clients can seamlessly adopt cloud-native storage technologies without disrupting their operations or compromising performance. Integration & implementation services cover various aspects such as data migration planning, proof of concept development, platform setup/configuration, and API integrations. Training, support & maintenance services help to maximize return on investment (ROI) and ensure long-term success; businesses need ongoing assistance in managing and optimizing their cloud-native storage infrastructure. The training, support & maintenance segment addresses this need by providing comprehensive support services such as technical training for IT teams, 24x7 remote monitoring, troubleshooting, resolving issues or bugs, periodic system health checks/audits, software patches/updates rollouts, and security threat management. The solutions segment comprises a variety of products that cater to different organization sizes, industries, and use cases. Primary types include object-based storage systems, file-based storage systems, and block-based storage systems. Block storage operates by dividing data into fixed-sized blocks, which are stored separately with unique identifiers. This approach offers several benefits, including high performance, low latency, and

granular control over data manipulation. Enterprises often implement block storage for applications requiring high throughput and low-latency operations, such as databases and virtual machines. File storage offers a simple and familiar way of managing files while providing features such as access control lists (ACLs) and metadata management. File storage services are typically used for file-based applications such as content management systems (CMS), big-data analytics platforms, backup systems, and file sharing applications that require multi-instance read-and-write capabilities. Object storage serves as a highly scalable solution designed for storing unstructured data such as images, videos, and documents in large-scale environments at petabyte levels or beyond. Unlike block and file storage, object storage uses a flat address space with unique identifiers for each object. This architecture enables superior horizontal scaling capabilities while maintaining high levels of durability and redundancy. Along with these, continued investment in research and development activities has facilitated the creation of more advanced and efficient cloud-native storage solutions that cater to emerging trends such as artificial intelligence (AI), machine learning (ML), edge computing, and serverless architectures.

Vertical: Exponential adoption of cloud native storage in real-time financial service operations
The BFSI sector has significantly shifted towards digital transformation and adopting advanced technologies to enhance customer experiences and operational efficiency. Cloud native storage enables the BFSI sector to manage the growing volume of data generated by online transactions and meet stringent regulatory compliance requirements. As energy and utility companies transform their infrastructure with smart grids and IoT devices, they generate massive volumes of data that require efficient management and analysis. Cloud native storage offers a reliable solution to store this data securely while ensuring high performance and easy access for time-sensitive applications such as predictive analytics for resource allocation and demand forecasting. Public sector organizations increasingly adopt cloud native technologies to deliver better citizen services while optimizing costs. Cloud native storage allows government agencies to consolidate their data in a centralized repository for easy access by different departments while maintaining security and compliance standards. This streamlined approach helps reduce silos between agencies and fosters collaboration on critical initiatives such as disaster response or public health monitoring. The healthcare industry is witnessing rapid digital transformation, with the adoption of electronic health records (EHR), telemedicine, and patient monitoring systems. Cloud native storage enables healthcare organizations to store and manage large volumes of patient data securely while ensuring compliance with strict regulations. Cloud native storage plays a crucial role in IT and telecommunications by providing flexibility in managing data across distributed systems and simplifying network management by allowing seamless integration with various cloud platforms. Moreover, it supports real-time analytics on network performance and usage patterns to optimize resource allocation. Cloud native storage offers a robust solution to store the vast amounts of data generated from these technologies while enabling real-time analytics for predictive maintenance, quality control, and supply chain optimization across the manufacturing sector. The media and entertainment industry heavily relies on cloud native storage solutions for managing large volumes of multimedia content such as video streaming or virtual reality applications. Retailers leverage cloud native storage solutions to enhance customer experiences through personalized recommendations based on

big data analytics and AI-driven insights.

Organization Size: Rising demand of cost-effective cloud native storage across SMEs

Large organizations with employee sizes over 250 often manage complex IT infrastructures, with massive amounts of data generated daily, where organizations require highly scalable, reliable, and secure storage solutions that can be seamlessly integrated with their existing systems. For these companies, key factors driving the adoption of cloud-native storage include high performance, data protection capabilities such as encryption and access control, multi-cloud compatibility, advanced analytics features for timely insights from data, and ease of integration with other enterprise applications. On the other hand, SMEs with an employee count between 10 and 249 usually have limited resources and less complex IT environments than large enterprises. They seek cost-effective, easy-to-implement storage solutions that help them stay agile in today's competitive market. For SMEs, software-defined storage (SDS) solutions have emerged as a popular choice, offering flexibility and cost efficiency by abstracting storage services from the underlying hardware.

Regional Insights:

The United States has remained one of the major countries to hold a significant share of the cloud native storage market due to its well-established IT infrastructure, early adoption of cloud technologies, higher spending on research & development activities, and presence of key players. Canada is also witnessing significant growth in this sector, driven by an expanding startup ecosystem and government initiatives supporting technological innovation. The European Union (EU) countries are embracing cloud native storage solutions, with major countries such as Germany, France, and the United Kingdom witnessing strategic development. The EU's General Data Protection Regulation (GDPR) has prompted organizations to adopt advanced storage technologies that ensure data security and compliance. Additionally, European research projects such as H2020-ICT and EuroHPC Joint Undertaking are fostering collaboration between industry and academia to drive innovation in cloud-native storage solutions. Middle Eastern countries such as the United Arab Emirates (UAE), Saudi Arabia, and Israel are investing heavily in digital transformation efforts. They leverage cloud native storage to facilitate faster application development cycles while maintaining data security and compliance with local regulations. Asia-Pacific presents lucrative opportunities for cloud native storage providers owing to rapid economic growth and an ever-increasing data generation from various sectors such as e-commerce, telecommunication, and government initiatives towards digital transformation. The increasing investments in IT infrastructure and the growing presence of global cloud service providers in the region drive the adoption of cloud native storage solutions. Additionally, increasing focus on data localization laws, particularly in countries such as China and India, further boost the demand for locally available storage solutions, providing a significant push to the overall market growth.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Cloud Native Storage Market. It

provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Cloud Native Storage Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Cloud Native Storage Market, highlighting leading vendors and their innovative profiles. These include Accenture PLC, Adobe Inc., Alibaba Cloud International by Alibaba Group Holding Limited, Amazon Web Services, Inc., Arrikto Inc., Atos SE, Cisco Systems, Inc., Cloudian Inc., DataCore Software Corporation, Dell Technologies Inc., Diamanti, Inc., Fujitsu Limited, Google LLC by Alphabet Inc., Hewlett Packard Enterprise Company, Huawei Technologies Co., Ltd., Hyland Software, Inc., Infosys Limited, Intel Corporation, International Business Machines Corporation, LINBIT HA-Solutions GmbH, Microsoft Corporation, MinIO, Inc., NetApp, Inc., NVIDIA Corporation, Oracle Corporation, Pure Storage Inc., Rackspace Technology, Inc., Rakuten Group, Inc., Scalify Inc., SUSE S.A., Tata Consultancy Services Limited, Tencent Holdings Ltd., UpCloud Oy, Veritas Technologies LLC, VMware, Inc. by Broadcom Inc., and Wipro Limited.

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Market Segmentation & Coverage:

This research report categorizes the Cloud Native Storage Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Component, market is studied across Services and Solutions. The Services is further studied across Consulting, Integration & Implementation, and Training, Support & Maintenance. The Solutions is further studied across Block Storage, File Storage, and Object Storage. The Solutions commanded largest market share of 67.23% in 2022, followed by Services.

Based on Organization Size, market is studied across Large Enterprises and SMEs. The Large Enterprises commanded largest market share of 82.88% in 2022, followed by SMEs.

Based on Deployment Type, market is studied across Private Cloud and Public Cloud. The Public Cloud commanded largest market share of 72.23% in 2022, followed by Private Cloud.

Based on Vertical, market is studied across Banking, Financial Services, & Insurance, Energy & Utilities, Government, Healthcare & Life Sciences, IT & Telecommunication, Manufacturing, Media & Entertainment, and Retail & Consumer Goods. The IT & Telecommunication commanded largest market share of 26.32% in 2022, followed by Banking, Financial Services, & Insurance.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 38.77% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Cloud Native Storage Market, by Component
7. Cloud Native Storage Market, by Organization Size
8. Cloud Native Storage Market, by Deployment Type
9. Cloud Native Storage Market, by Vertical
10. Americas Cloud Native Storage Market
11. Asia-Pacific Cloud Native Storage Market
12. Europe, Middle East & Africa Cloud Native Storage Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets

3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Cloud Native Storage Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Cloud Native Storage Market?
3. What is the competitive strategic window for opportunities in the Cloud Native Storage Market?
4. What are the technology trends and regulatory frameworks in the Cloud Native Storage Market?
5. What is the market share of the leading vendors in the Cloud Native Storage Market?
6. What modes and strategic moves are considered suitable for entering the Cloud Native Storage Market?

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