

# The Decentralized Storage Market is projected to grow to \$8.81 billion by 2030

*The Business Research Company's  
Decentralized Storage Global Market  
Report 2026 – Market Size, Trends, And  
Global Forecast 2026-2035*

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/EINPresswire.com/ -- "The

decentralized storage market is gaining

significant traction as businesses and individuals seek more secure and resilient ways to manage their data. This sector, which leverages blockchain and peer-to-peer technologies, is set to witness remarkable growth due to rising concerns about data privacy and evolving digital application needs. Below, we explore the market's size, driving forces, regional outlook, and emerging trends shaping its future.

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Steady Growth Expected in the [Decentralized Storage Market Size by 2026](#)

The decentralized storage market has experienced rapid expansion recently, with its value projected to increase from \$2.8 billion in 2025 to \$3.51 billion in 2026. This translates into an impressive compound annual growth rate (CAGR) of 25.6%. The surge during the historical period is largely driven by the expansion of cloud data volumes, heightened cybersecurity worries, growing

demand for data redundancy, blockchain adoption, and risks associated with centralized storage systems.

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Long-Term [Market Expansion Forecast Through 2030](#)

Looking ahead, the decentralized storage market is expected to grow even more substantially, reaching \$8.81 billion by 2030 with a CAGR of 25.9%. Factors fueling this growth include the

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proliferation of web3 applications, increasing need for tamper-proof storage solutions, rapid generation of edge data, growth of decentralized applications, and stringent regulatory requirements for data resilience. Key emerging trends forecasted for this period involve peer-to-peer data storage, encrypted distributed storage methods, content-addressable storage, resilient redundancy for data protection, and storage protocols driven by developer communities.

#### Understanding the [Decentralized Storage Market Ecosystem](#)

Decentralized storage refers to a network of blockchain-based and peer-to-peer storage systems that spread data across multiple locations rather than relying on a single centralized server. This approach ensures secure, reliable, and tamper-resistant storage of digital information, which significantly reduces vulnerabilities such as data breaches or loss. The market encompasses platforms, protocols, and service providers that enable individuals and organizations to store, share, and manage their data in this distributed manner.

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#### Data Security and Privacy Concerns as Primary Growth Drivers

One of the strongest forces propelling the decentralized storage market is the growing anxiety over data security and privacy. As more sensitive information is shared online, individuals, companies, and governments are increasingly worried about unauthorized access, data misuse, and cyberattacks. The decentralized storage model addresses these concerns by encrypting data and distributing it across numerous nodes, which greatly reduces the risk of breaches and gives users enhanced control over their information.

The impact of rising security threats is evident, as illustrated by data from the Identity Theft Resource Center. In January 2024, the nonprofit cybersecurity organization reported a 78% increase in data compromise incidents in the United States during 2023, totaling 3,205 breaches compared to the previous year. This alarming rise underscores the urgent need for more secure data storage solutions, thus boosting demand for decentralized options.

#### Regional Breakdown of the Decentralized Storage Market

In 2025, North America held the largest share of the decentralized storage market, benefiting from advanced infrastructure and strong cybersecurity awareness. However, the Asia-Pacific region is anticipated to register the fastest growth during the forecast period, driven by rapid technological adoption and digital transformation initiatives. Other key regions covered in the market analysis include South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, providing a comprehensive view of global market dynamics.

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