

Cloud-Based Repository Service Market: Future Demand and Top Key Players Analysis | 2029

The Business Research Company's Cloud-Based Repository Service Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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Cloud-Based Repository Service Global Market Report 2025

What Is The Expected Cagr For The [Cloud-Based Repository Service Market](#) Through 2025?

In the past few years, the market size of cloud-based repository service has expanded



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significantly. It is projected to rise from \$17.59 billion in 2024 to \$20.40 billion in 2025, with a compound annual growth rate (CAGR) of 15.9%. The growth observed in the historic period is due to factors such as the swift take-up of cloud computing, a growing requirement for centralized data management, an increased demand for collaboration tools, an upswing in the volume of enterprise data, and a transition from on-premises to cloud storage.

In the upcoming years, the market size of cloud-based repository services is projected to witness accelerated

growth, reaching a valuation of \$36.38 billion in 2029, with a compound annual growth rate (CAGR) of 15.6%. The growth during the forecast period is predominantly driven by factors such as the escalating demand for AI and ML for deriving insights from data, the proliferation of hybrid and multi-cloud environments, an increased emphasis on data security and compliance, wider acceptance of DevOps and CI/CD pipelines, and the surge in the need for instantaneous data accessibility and analytics. Highlights of anticipated trends within this projected timeline encompass advancements in AI-based data management, hybrid and multi-cloud frameworks,

ironclad zero-trust security and encryption methods, automation in data cataloging and governance, real-time collaboration, and remote access facilities.

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What Are The Key Factors Driving Growth In The Cloud-Based Repository Service Market?

The surge in data volume is anticipated to drive the expansion of the cloud-based repository service market in the future. Data volume entails vast amounts of digital data generated, captured, stored, and processed by organizations and individuals on various platforms and devices. The escalation in data volume is primarily due to swift digital transformation across various industries, with organizations turning to cloud-based technologies and digital tools that generate and require storage for enormous quantities of structured and unstructured data. This increase in data volume augments the demand for cloud-based repository services as organizations need scalable, secure, and easily reachable storage solutions to efficiently handle their burgeoning digital information. For instance, per the SODA Foundation, a U.S. based open-source initiative, the yearly data growth for an average end-user organization rocketed from 700 TB in 2021 to 2,208 TB in 2022, indicating a thrice increase in data volume within a year span. Hence, the escalating data volume is fuelling the expansion of the cloud-based repository service market.

What Are The Top Players Operating In The Cloud-Based Repository Service Market?

Major players in the Cloud-Based Repository Service Global Market Report 2025 include:

- Google LLC
- Microsoft Corporation
- Alibaba Cloud Computing Limited
- Amazon Web Services Inc
- Dell Technologies Inc
- Huawei Technologies Co Ltd
- Tencent Holdings Limited
- International Business Machines Corporation
- Cisco Systems Inc
- Oracle Corporation

What Are The Key Trends Shaping The [Cloud-Based Repository Service Industry](#)?

Leading firms engaged in the cloud-based repository service industry are prioritizing the development of sophisticated solutions, like advanced release bundle management, in efforts to optimize distribution effectiveness and visibility. The advanced release bundle management system is designed to organize various software artifacts including their metadata to enhance release processes, continue standardization and simplify distribution while increasing visibility across different systems. JFrog, an American software company, rolled out the Artifactory 7.124.1 Cloud in September 2025. This new rollout provides enhanced support for Release Bundle v2, greater visibility for nested bundles, and more efficient aggregated bundle production. This new

development bolsters distribution and export functions for the Release Bundle v2 versions and offers a visual model of nested bundles for simplified tracking. It also improves aggregated bundles' management to ensure successful generation despite diverse artifact metadata, and updates missing artifacts' status code to 422, aiding accurate reporting. Moreover, it showcases artifact proof in virtual repositories represented in the Artifacts tree, enhancing both traceability and transparency.

Comprehensive Segment-Wise Insights Into The Cloud-Based Repository Service Market

The cloud-based repository service market covered in this report is segmented as

- 1) By Type Of Service: Integration Services, Data Security And Back Up Services, Quality As A Service
- 2) By Service Model: Infrastructure As A Service (IaaS), Platform As A Service (PaaS), Software As A Service (SaaS)
- 3) By Deployment Model: Public Cloud, Private Cloud, Hybrid Cloud
- 4) By Size Of Organization: Small And Medium-Sized Enterprises (SMEs), Large Enterprises
- 5) By End-User: Banking, Financial Services, And Insurance (BFSI), Healthcare, Information Technology (IT) And Telecommunications, Government, Retail, Manufacturing, Other End-Users

Subsegments:

- 1) By Integration Services: Application Programming Interface (API) Integration, Continuous Integration And Continuous Deployment (CI/CD) Integration, Enterprise Resource Planning (ERP) Integration, Customer Relationship Management (CRM) Integration, Cloud-To-Cloud Integration, Database Integration, Middleware Integration
- 2) By Data Security And Back-Up Services: Data Encryption Services, Identity And Access Management (IAM), Secure File Transfer, Data Loss Prevention (DLP), Disaster Recovery (DR), Cloud Backup Services, Security Information And Event Management (SIEM)
- 3) By Quality As A Service: Automated Testing Services, Performance Testing, Functional Testing, Security Testing, Compliance Testing, User Acceptance Testing (UAT), Test Data Management

View the full cloud-based repository service market report:

<https://www.thebusinessresearchcompany.com/report/cloud-based-repository-service-global-market-report>

Global Cloud-Based Repository Service Market - Regional Insights

In the Cloud-Based Repository Service Global Market Report 2025, the predominant region for the corresponding year was North America. The region anticipated to observe the most rapid growth in the coming period is Asia-Pacific. The specified regions encompassed in the report for the cloud-based repository service include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

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Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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