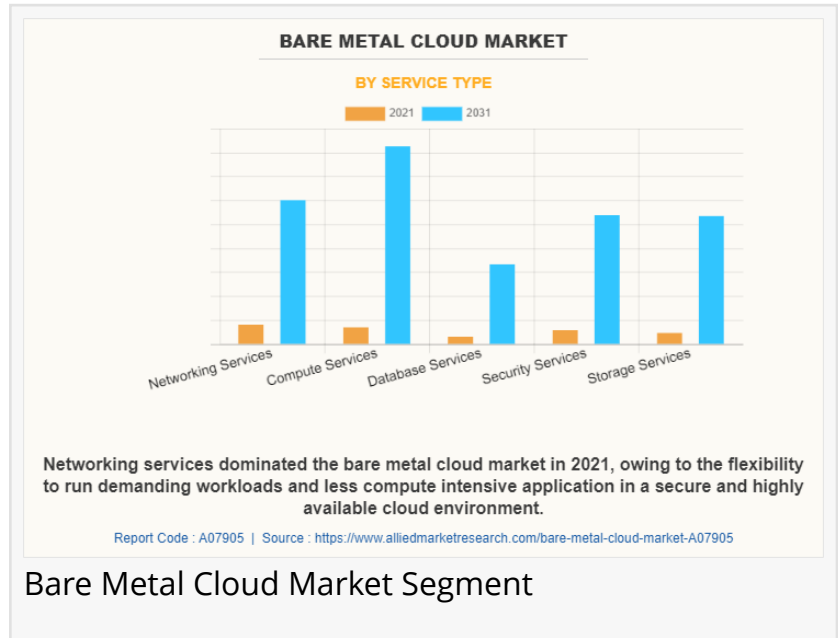


USD 56.6 Billion Bare Metal Cloud Market Reach by 2031 | Top Companies such as - Alibaba Cloud, Lumen Technologies

The cost-efficient benefits of the bare metal cloud are fueling the growth of the market.

PORTLAND, PORTLAND, OR, UNITED STATES, October 25, 2023

/EINPresswire.com/ -- According to the report, the bare metal cloud industry generated \$5.6 billion in 2021 and is estimated to reach \$56.6 billion by 2031, witnessing a CAGR of 26.1% from 2022 to 2031. The report offers a detailed analysis of changing market trends, top segments, key investment pockets, value chains, regional landscapes, and competitive scenarios.



A bare metal server is a physical computer specifically designed to run dedicated services without any interruptions for extended periods. It is highly stable, durable, and reliable. Significant benefits include direct access to the server and the ability to leverage all underlying hardware architectures. However, despite the flexibility and cost advantages that virtualized computing instances offer, there are downsides, particularly those linked to resource competition, or the "noisy neighbour problem."

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Inadequate segregation of edge devices and virtual networks also poses dangers. Bare-metal cloud addresses these problems by giving consumers access to separated physical resources. Moreover, multinational organizations that value efficiency, reliability, compliance, and security are rapidly adopting the bare metal cloud. In addition, the global [bare metal cloud market](#) is anticipated to experience growth as more organizations demand that big data and IoT be integrated into their operations.

These growth factors are projected to provide sizable quantities of profit margin during the forecast period. Furthermore, bare metal cloud gives the security and resource control of having own data center without the extra expenses and labor of having to maintain own on-site legacy data center. Bare metal hardware comes pre-built and is ready to provision on-demand.

Intensifying utilization of bare metal cloud and expanding application in the BFSI sector, the cost-efficient benefits of bare metal cloud, integration of big data and IoT by several organizations drive the growth of the global bare metal cloud market. Moreover, the renewed attention in lightweight hypervisors and negative aspects of bare metal cloud hinder the market growth. On the other hand, rise in investment in emerging technologies is expected to create lucrative opportunities in the industry.

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Based on service type, the networking services segment has garnered the major share in 2021, generating more than one-fourth of the global bare metal cloud market revenue, owing to the complete control over user's hardware, network, and server architecture. It is the best choice for security-oriented applications that need a dedicated compute environment because of company policy, law, or compliance. The compute services segment is expected to dominate the market by 2031 in terms of revenue. The same segment would display the fastest CAGR of 28.8% throughout the forecast period. The rise in need of most secure cloud servers driving the segment's growth.

Depending on the industry vertical, BFSI segment dominated the market in 2021 and is expected to continue this trend during the forecast period, owing to the adoption of paperless storage, virtualization, and electronic banking by the BFSI sector has raised demand for safe, affordable, and energy-efficient data storage. In addition, a sizable amount of private information is generated and needs to be processed before being stored in a safe place. Concerns regarding the safety and security of client information are also rapidly expanding. However, the IT and telecom are expected to witness the highest growth in the upcoming years, owing to increasing digitalization amongst different industries. Moreover, telecom operators have significantly increased their efforts to virtualize portions of their mobile networks, known as virtualized radio access network (vRAN), which is mainly seen as a step forward in the evolution of mobile networks as 5G rollouts gain steam.

Based on enterprise size, the large enterprises segment held the highest share in 2021, holding more than two-thirds of the global bare metal cloud market revenue, and is projected to maintain its dominance by 2031. On the other hand, the small and medium enterprise (SMEs) segment would showcase the fastest CAGR of 27.8% during the forecast period. The growth of segment is driven by the need of continuing scalability and quick deployment, to avoid capital expenditures for the subsequent equipment lifestyle.

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Region wise, the bare metal cloud market was dominated by North America in 2021 and is expected to retain its position during the forecast period, owing to rise in number of IoT applications hosted on bare metal clouds and increasing investments in emerging technologies such as big data, social media, and due to mobility. As a result, rapid implementation of these technologies is creating opportunities for the growth of bare metal cloud market. However, Asia Pacific is expected to witness significant growth during the forecast period, owing to the increasing investment for the development of cloud infrastructure with an installation of smart technologies such as AI and ML.

Covid-19 scenario:

- The COVID-19 crisis caused a sharp increase in the demand for bare metal cloud services among businesses for load balancing to improve workload allocation, provide multiple database homes on a single server, offer customized networks for high performance, maximize IT resource access & physical security, facilitate high data security, and achieve strategic business initiatives.
- Key market participants worked together and improved bare metal cloud services during the Covid-19 pandemic. For example, in September 2020, Oracle and Rescale's launched turnkey bare-metal cloud to enterprises. Its platform helps engineers and scientists build, compute, analyze, and scale simulations with high performance computing. Oracle Cloud Infrastructure provides customers with the perfect platform for high performance computing that can be deployed in minutes with maximized control, transparency, and security. Such developments are also expected to contribute to the bare metal cloud market growth in the post-pandemic.

The key players profiled in the bare metal cloud industry are International Business Machine Corporation, Amazon Web Services, Inc., Oracle Corporation, Microsoft Corporation, Dell Technologies Inc., Google LLC, Rackspace Technology, Alibaba Cloud, Lumen Technologies, and Internap Holding LLC. Market players have adopted various strategies, such as collaboration & partnership, investment, product launches, joint ventures, and acquisition to expand their foothold in the bare metal cloud industry.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

Other Trending Report:

1. [Industrial Cloud Market](#)

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