

# Bare Metal Cloud Industry to Witness Rapid Growth | \$5.6B in 2021 to \$56.6B in 2031

WILMINGTON, NEW CASTLE, DE, UNITED STATES, August 11, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Bare Metal Cloud Market](#)," The bare metal cloud market was valued at \$5.6 billion in 2021, and is estimated to reach \$56.6 billion by 2031, growing at a CAGR of 26.1% from 2022 to 2031.

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". Inadequate segregation of edge devices and virtual networks also poses dangers.



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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. As a result, 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 are

driving the growth of the market. In addition, the cost-efficient benefits of bare metal cloud is fueling the growth of market. However, the renewed attention in lightweight hypervisors and negative aspects of bare metal cloud limit the growth for bare metal cloud market forecast. Conversely, investment in emerging technologies is exploding is anticipated to provide numerous opportunities for the expansion of bare metal cloud market analysis during the forecast period.

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.

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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.

The COVID-19 crisis had 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 instance, 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. With Oracle Cloud Infrastructure it also provides customers with the perfect platform for high performance computing that can be deployed in minutes with maximized control, transparency, and security. Such developments during covid-19 pandemic helped the bare metal cloud market growth.

Government Initiatives:

The growth of bare metal cloud market is attributed to the growing government initiatives and activities for the adapting cloud-based services. Government is taking constant efforts for the deployment of cloud to support end-users to enhance services across a range of verticals. Key players are collaborating with government to provide enhanced services. For instance, in August 2021, Oracle and Indian government collaborated to deploy cloud regions in Hyderabad and Mumbai. The empanelment, which was granted by the Ministry of Electronics and Information Technology, designates Oracle as an approved cloud service provider in India. This will help fulfill the digital India vision the watershed government initiative that is spreading high-speed digital infrastructure, digital government services, and digital literacy to even the most remote areas in the country.

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#### KEY FINDINGS OF THE STUDY

By service type, in 2021, the networking services segment was the highest revenue contributor to bare metal cloud market size. However, the compute services segment is estimated to witness significant growth in the market.

By enterprise size, in 2021, the large enterprises segment was the highest revenue contributor to the market. However, the small and medium enterprises (SMEs) segment is estimated to witness significant growth in the market.

Region-wise, the bare metal cloud market share was dominated by North America. However, Asia-Pacific and Europe are expected to witness a significant growth rate during the forecasted period.

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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