

# Infrastructure as a Service (IaaS) Market Become USD 481.8 Billion Industry by 2030 Exhibiting 25.3% CAGR

*Growing demand for affordable IT, rising cloud adoption, and need for fast data access fuel global Infrastructure as a Service market growth.*

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According to the report, the global [infrastructure as a service \(IaaS\) market](#) generated \$51.3 billion in 2020, and is estimated to reach \$481.8 billion by 2030, witnessing a CAGR of 25.3% from 2021 to 2030.



Infrastructure as a service (IaaS) refers to online services that provide high-level APIs for accessing different low-level features of underlying network infrastructure, such as physical computer resources, location, data partitioning, scaling, security, and backup. Increase in knowledge of various cloud computing services, such as public, private, and hybrid cloud services, as well as increase in internet penetration in emerging nations and desire for cost-effective and flexible computing services propel the market growth.

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Furthermore, market expansion is expected to be aided by integration of artificial intelligence and demand for IaaS from SMEs. Furthermore, growth in demand for low-cost IT infrastructure and faster data accessibility propels growth of the global infrastructure as a service market. In addition, increase in cloud adoption across several industry verticals is also positively impacting growth of the market. However, security concerns over private cloud deployment hampers the market growth. On the contrary, growth in cloud adoption among SMEs is expected to offer remunerative opportunities for expansion of the market during the forecast period.

1. Owing to the Covid-19 pandemic, the adoption of the remote working culture and cloud services led to increased implementation of IaaS.
2. The closure of commercial activities and lockdown measures presented challenges in daily operations of businesses and increased the implementation of IaaS.
3. According to a survey conducted by Manage Engine, nearly 97% of Indian enterprises raised their reliance on the cloud technology and raised deployment of hybrid cloud.
4. The need to process the data at high speed, share huge amount of information over cloud, and lowering overall operational costs led to adoption of IaaS during the pandemic.

Based on deployment model, the hybrid segment held the highest market share in 2020, accounting for more than two-thirds of the global infrastructure as a service market, and is projected to continue its leadership status during the forecast period. Moreover, this segment is projected to witness the highest CAGR of 25.5% from 2021 to 2030. This is due to rise in generation of data from social media, big data, internet of things (IoT), and other applications, that led to the need for data storage and cost saving through the hybrid environment. The research also analyzes the segments including private and public.

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Based on industry vertical, the telecom and IT segment accounted for the highest market share in 2020, contributing to nearly one-fifths of the global infrastructure as a service market. This is attributed to complex network and computing requirements. However, the government and education segment is estimated to manifest the largest CAGR of 26.7% from 2021 to 2030. This is due to rise in investments by government and public sector companies.

Based on region, North America contributed to the largest market share in terms of revenue in 2020, accounting for nearly two-fifths of the global infrastructure as a service industry, and is expected to maintain its dominance in terms of revenue by 2030. This is due to presence of huge number of specialized IaaS vendors in the region. However, Asia-Pacific is projected to portray the fastest CAGR of 27.5% during the forecast period, owing to ongoing digital transformation in the region.

Leading Market Players:

Alibaba Group Holding Limited  
Amazon Web Services, Inc.  
Dell Technologies, Inc.  
Google Corporation

Hewlett Packard Enterprise Development LP  
IBM Corporation  
Microsoft Corporation  
Oracle Corporation  
Rackspace Technology, Inc.  
Redcentric Plc.

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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.

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