

# **North America Distributed Cloud Market Forecast to 2031 - Regional Analysis - by Application (Edge Computing, Content Delivery, Internet of Things, and Others), Service (Data Security, Data Storage, Networking, and Others), Enterprise Size (Large Enterprise and SMEs), and Industry Vertical (BFSI, Healthcare, Retail & E-commerce, Manufacturing, IT & Telecom, Energy & Utilities, Media & Entertainment, Government & Defense, and Others)**

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## **Abstracts**

The North America distributed cloud market was valued at US\$ 1,951.23 million in 2023 and is expected to reach US\$ 6,191.99 million by 2031; it is estimated to register a CAGR of 15.5% from 2023 to 2031.

**Growing Demand for Low Latency Solutions and Greater Scalability Fuels North America Distributed Cloud Market**

Low latency is a computer network that is improved to process a high volume of data messages with the least delay time. These networks are intended to support functions that require near real-time access to rapidly changing data. Distributed cloud computing decreases latency and increases the responsiveness of services by relocating the processing tasks closer to the end user. Data is then managed locally instead of at a centralized server, developing superior user experience. Further, various companies offered distributed cloud offerings to meet low latency needs. For instance, in September 2023, Oracle expanded its distributed cloud offerings to cater to organizations' diverse needs and the growing global demand for Oracle Cloud

Infrastructure (OCI) services. Oracle Database Azure and MySQL HeatWave Lakehouse on AWS are the new additions to OCI's distributed cloud. As a result, enterprises gain increased flexibility to deploy cloud services anywhere while addressing numerous data privacy, data sovereignty, and low latency requirements, allowing access to over 100 services designed to run any workload. Also, new technologies such as self-driving cars, healthcare imaging, smart buildings, and real-time analytics benefit from the low latency that a distributed cloud can deliver. Moreover, in terms of scalability, expanding a data center or building new centers in different areas can be time-consuming and expensive. Distributed cloud computing enables organizations to expand to edge locations without building out. Thus, the increasing demand for low-latency solutions and greater scalability contributes to the growth of the distributed cloud market.

## North America Distributed Cloud Market Overview

In North America, significant growth is anticipated in the distributed cloud market due to increased cloud enablement activities and trends within the cloud market. The distributed cloud allows businesses to transfer data of any size without extra charges and can ensure data sovereignty while complying with General Data Protection Regulation (GDPR). It provides a data lake powered by AI that centralizes data to enhance predictive analytics quality. It can be used in different scenarios, such as manufacturing, IoT, machine learning, and imaging. The user organization views the distributed cloud as one platform. Still, it consists of various components, such as public cloud elements from the main provider and its competitors, a private cloud or enterprise data center, and a third-party colocation partner. Various types of cloud services include public cloud, private cloud, hybrid cloud, and multi-cloud, while distributed cloud computing eliminates these distinctions. Companies such as Amazon (Amazon Web Services), Microsoft (Azure), Google (Cloud), and IBM are major players in the public cloud in North America. The existence of main cloud providers such as Google and Microsoft have demonstrated the feasibility of large-scale, internet-based applications delivered from the cloud, and current technological developments are working to address performance issues and data security concerns in the field.

Oracle unveiled the availability of NVIDIA AI Enterprise on Oracle Cloud Infrastructure Supercluster within the Oracle US Government Cloud region, aiming to support sovereign AI initiatives. This development signifies a deepening collaboration between Oracle and NVIDIA, with the shared goal of empowering US government clients to develop and implement AI solutions. This offering provides access to over 100 services on Oracle Cloud Infrastructure, including advanced generative AI services leveraging

high-performance accelerators such as NVIDIA H100 and NVIDIA A100 Tensor Core GPUs. Additionally, users can benefit from ultra-low-latency networking and secure storage capabilities, further enhancing the deployment and utilization of AI applications. This is expected to boost the distributed cloud market in North America.

North America Distributed Cloud Market Revenue and Forecast to 2031 (US\$ Million)

North America Distributed Cloud Market Segmentation

The North America distributed cloud market is categorized into application, service, enterprise size, industry vertical, and country.

Based on application, the North America distributed cloud market is segmented into edge computing, content delivery, Internet of Things, and others. The edge computing segment held the largest market share in 2023.

In terms of service, the North America distributed cloud market is categorized into data security, data storage, networking, and others. The data storage segment held the largest market share in 2023.

By enterprise size, the North America distributed cloud market is bifurcated into large enterprise and SMEs. The large enterprise segment held a larger market share in 2023.

Based on industry vertical, the North America distributed cloud market is segmented into BFSI, healthcare, retail & e-commerce, manufacturing, IT & telecom, energy & utilities, media & entertainment, government & defense, and others. The BFSI segment held the largest market share in 2023.

By country, the North America distributed cloud market is segmented into the US, Canada, and Mexico. The US dominated the North America distributed cloud market share in 2023.

Amazon Web Services Inc, Google LLC, International Business Machines Corp, Oracle Corp, Microsoft Corp, Rackspace Technology Inc, Broadcom Inc, Databricks Inc, Salesforce Inc, and Alibaba Cloud are some of the leading companies operating in the North America distributed cloud market.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the North America distributed cloud market.

Highlights key business priorities to assist companies to realign their business strategies

The key findings and recommendations highlight crucial progressive industry trends in the North America distributed cloud market, thereby allowing players across the value chain to develop effective long-term strategies

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets

Scrutinize in-depth North America market trends and outlook coupled with the factors driving the North America distributed cloud market, as well as those hindering it

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

## The List of Companies - North America Distributed Cloud Market

Amazon Web Services Inc

Google LLC

International Business Machines Corp

Oracle Corp

Microsoft Corp

Rackspace Technology Inc

Broadcom Inc

Databricks Inc

Salesforce Inc

Alibaba Cloud

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