

Global Virtual Machine Market Size study & Forecast, by Component (Hardware, Software, Combination Virtual Machine), by Type (Process Virtual Machine, System Virtual Machine), by Application (Large, SMEs) by Industry (Retail, Healthcare, Manufacturing, Government, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Virtual Machine Market is valued at approximately USD 23.2 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 20.3% over the forecast period 2023-2030. A computer system's software implementation is known as a virtual machine. Users can do operations just as they would on a real computer to the way it creates a distinct copy of the latter. It is a piece of software that not only mimics the actions of another computer, but also carries out operations like starting up programs and applications on a different Machine. The virtual machine market Virtual Machine Market is increasing because of factors such as adoption of heavy applications among organizations and the rise in cloud computing technologies across the globe have fueled the demand for virtual machines. Moreover, virtual machines enable time and money saving for businesses. The global development of the IT sector is accelerating the market for virtual machines.

According to the International Energy Agency (IEA), The number of connected IoT devices is forecast to reach from 8.4 billion to 20 billion by 2020. Rising Digitalization Businesses and organizations are finding themselves in an increasingly complex network world. As businesses continue to generate a staggering volume of data daily, they are looking at transformation through automation and virtualization to optimize the cost and scale of experiences. There is an ongoing trend of using mobile devices, apps,

and a variety of collaboration tools to communicate with other teams across geographies, platforms, and devices. Another major factor that drives the market is the rise in cloud computing technologies. Cloud computing helps in security measures to protect user's data and ensure the privacy of sensitive information and also ,the changing IT consumption trends and increasing adoption of cloud computing solutions are creating potential growth opportunities for the virtual machine market In addition, the expansion of the virtual machine industry is being supported by the growing investments made in IT infrastructure transformation and digitalization by governments from different countries. However, lack of awareness of the virtual machine is restraining the growth of the Virtual Machine Market.

The key regions considered for the Global Virtual Machine Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the worldwide virtual machine market owing to the rising number of data centers and the region's expanding IT sector. As per Statista, in 2022, the data center virtualization market recorded a revenue worth USD 7 billion. Furthermore, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising government initiatives regarding virtual machines and rapid industrialization within the region.

Major market player included in this report are:

Amazon.com, Inc. (U.S.)
Citrix Systems Inc. (U.S.)
Hewlett Packard Enterprise Development LP (U.S.)
Huawei Technologies Co. Ltd. (U.S.)
Microsoft Corporation (U.S.)
Oracle Corporation (U.S.)
Parallels Inc. (U.S.)
Red Hat Inc. (U.S.)
Nutanix Inc. (U.S.)
Virtual Machine ware Inc. (U.S.)

Recent Developments in the market:

In December 2020, the most recent version of VMware vSphere 7 was made available. The new update gives enterprises the tools they require for both conventional and cutting-edge applications and workloads, making it the most potent version of VMware

vSphere to date.

In June 2020, Microsoft made its Azure general-purpose and memory-optimized Virtual Machines based on the 2nd generation Intel Xeon Platinum 8272CL available, promising up to a 20% increase in CPU performance over the Dv3 and Ev3 VMs.

Global Virtual Machine Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Component, Type , Application, Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:

Hardware

Software

Combination

By Type:

Process virtual machine

System virtual machine

By Application:

Large
SMEs

By Industry:

Retail
Healthcare
Manufacturing
Government
Others

By Region:

North America
U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia

South Africa
Rest of Middle East & Africa

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