Data Center Virtualization Market Research Report- Global Forecast 2023

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Description: Data Center Virtualization Market, By Type (Type 1 Hypervisor, Type 2 Hypervisor, Host Machine, Guest Machine), Organization Size (SMEs, Large Enterprises) Vertical (BFSI, IT & Telecommunication, Manufacturing, Healthcare) - Global Forecast 2023

Market Synopsis of Data Center Virtualization Market:

Market Scenario:
Data center virtualization is basically a process of designing, developing and deploying a data center on virtualization and cloud computing technologies. Data center virtualization is a flexible, elastic and cost effective alternative to physical data center operations. Data center virtualization can be achieved through two methods, namely storage virtualization and server virtualization. It operates on top of virtualization layer. Major reason for adoption of data center virtualization is to reduce the dependency on hardware.

Major factors driving the data center virtualization market are reduction in heat generation from the server and easy backup of data. Faster redeployment and reduction in cost are other factors driving the growth of data center virtualization market.

Data center virtualization market has been segmented on the basis of type and vertical. The type segment is further bifurcated into type1 hypervisor, type 2 hypervisor, host machine, guest machine and paravirtualization tools. A hypervisor is a software that runs virtual machines. Type 1 hypervisor runs directly on the system hardware while type 2 hypervisors run on a host operating system.

The global data center virtualization market is expected to grow at approx. USD 10 Billion by 2023, at 8% of CAGR between 2017 and 2023.

Study Objectives of Data Center Virtualization Market:

- To provide detailed analysis of the market structure along with forecast of the various segments and sub-segments of the data center virtualization market.
- To provide insights about factors affecting the market growth.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW).
- To provide country level analysis of the market with respect to the current market size and future perspective.
- To provide country level analysis of the market for segmentation on the basis of type and vertical
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for data center virtualization
- To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the data center virtualization
Data Center Virtualization Market

Key Players:
The prominent players in data center virtualization market are – Dell Corporation (U.S.), Microsoft Corporation (U.S.), IBM Corporation (U.S.), SAP SE (Germany), VMware Inc. (U.S.), Red Hat Inc. (U.S.), Hewlett Packard Enterprise Development LP (U.S.), Fujitsu Limited (Japan), Cisco Systems, Inc. (U.S.) and Citrix Systems, Inc. (U.S.) among others.

Segments:
Data center virtualization market can be segmented on the basis of following:

By Type
- Type 1 Hypervisor
- Type 2 Hypervisor
- Host Machine
- Guest Machine
- Paravirtualization Tools

By Organization Size
- SMEs
- Large Enterprises

By Vertical
- BFSI
- Manufacturing
- Healthcare
- IT & Telecommunication
- Government
- Others

Regional Analysis:
The regional analysis of data center virtualization market is being studied for regions such as Asia Pacific, North America, Europe and Rest of the World. It has been observed that North America is estimated to account for the largest share of the market followed by Europe, whereas Asia-Pacific is projected to grow at the fastest rate during the forecast period. The major growth in data center virtualization market in North America attributes to the technical advancements and well established infrastructure in that region.

Intended Audience
- Technology investors
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