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Clustering Software Market by Solutions (System Management, Parallel Environment, and Workload Management), by Components (Professional Services, Software and Licenses), by Platforms (Windows, Linux and Unix), by Deployment Types (Hosted and On-Premises) - Global Forecast to 2019

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Abstracts

Clustering software market is categorized by software products and services that help to coordinate with multiple distributed systems as well as manage and control different software applications. This enables the entire IT infrastructure to be viewed as a single computing resource. The availability of the entire computing resource as cluster allows failover, high availability, and uninterrupted functional benefits. The market is segmented by solutions, components, operating systems, end users, deployment types, verticals and regions.

The clustering software market is rapidly growing with a major contribution from deployments in SMBs. These solutions provide level playing fields across various verticals in academia & research, aerospace & defence, BFSI, gaming, government, life sciences, Telecom & IT, and other verticals will witness significant growth in this period.

The clustering market is split into three segments on the basis of company size, namely small and medium businesses (SMBs), enterprises and large enterprises. Enterprises will comprise the highest market share. However, the revenue from SMBs is expected to witness the highest growth rate as a result of the decreasing cost of cloud based deployments and advancements in technology to cater to the needs of smaller organizations.

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The Y-o-Y growth rates of hosted deployments are expected to be the highest throughout the forecast period. The major reason being the cost of implementing an on-premise deployment is still quite high. Thus most organizations prefer to have a cloud deployment to cut down on complexities and at the same time utilize the benefits of hosted deployments to the fullest.

MarketsandMarkets expects that aerospace and defense vertical will account for the largest market share throughout the forecast period. However, there are few revenue pockets, namely academia & research, aerospace & defence, BFSI, gaming, government, life sciences, Telecom & IT, and other verticals will witness significant growth in this period.

There are various assumptions that we have taken into consideration for market sizing and forecasting exercise. Few of global assumptions include political, economic, social, technological and economic factors. For instance, exchange rates, one of the economic factors, are expected to have a moderate rating of impact on this market.

The report will help the market leaders/new entrants in this market in the following ways

1. This report segments the market on the basis of solutions, company size, deployment types, verticals and regions covering this market comprehensively. The report provides the closest approximations of the revenue numbers for the overall market and the sub-segments. The market numbers are further split across the different verticals and regions.
2. This report will help them better understand the competitors and gain more insights to better position their business. There is a separate section on competitive landscape, including competitor ecosystem, mergers and acquisition and venture capital funding. Besides, there are company profiles of 10 top players in this market. In this section, market internals are provided that can put them ahead of the competitors.
3. The report helps them understand the pulse of the market. The report provides information on key market drivers, restraints, challenges, and opportunities.

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About

There is a growing dependence on unified IT infrastructural support from diverse industry verticals globally. This has increased the need for unified platforms and software solutions for high availability and has reduced downtime. Organizations have started to opt for virtualized environments leading to more and more investments in cloud deployments. Clustering software is the perfect solution for these requirements, enabling computing resources to work together as a cluster. This provides contingency capabilities such as failover for managing downtime caused by natural disasters and manmade errors. These capabilities are essential for supporting high availability and for improving IT flexibility.

Clustering software solutions also help to reduce the cost associated with downtime in IT infrastructural setting in any organization. Due to intense competition in the market and the complexities of the business processes and manufacturing, managing workload through specialized clustering software will be profitable and will help organizations to stay ahead in the market. With advances in cloud technology, this market is expected to witness even more cutting-edge developments to manage virtualized workloads, end-to-end application availability, and high availability services in cloud environments.

The global clustering software market is expected to grow at a Compound Annual Growth Rate (CAGR) of XX% from 2014 to 2019. In APAC and LA, industries are flourishing at a high rate which will soon drive the clustering software market. The MEA region is also expected to enter the high growth phase near the latter half of the forecast period. The NA region is expected to account for the largest market share, followed by APAC and Europe for the forecast period. These countries are technologically advanced and various implementations of clustering software and solutions are highest in these regions.

The advancement in technology has made these software and applications available on cloud and on premises in various verticals such as academia and research, aerospace and defense, BFSI, gaming, government, life sciences, telecom and IT, and other verticals such as manufacturing, energy, and utilities.

The table below highlights the growth of global clustering software market. The global clustering software market is expected to increase from $XXmillion in 2014 to $XX million in 2019 at CAGR of XX% during the forecast period.

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