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Container Orchestration Market by Component (Platform and Services), Organization Size (Large Enterprises and SMEs), Vertical (Telecommunications and IT, BFSI, Government and Public Sector, Manufacturing), and Region - Global Forecast to 2023

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Abstracts

Growing adoption of geographically diverse Containers as a Service (CaaS) and an increasing need to automate the application deployment processes are major growth drivers for the container orchestration market

The global container orchestration market size is expected to grow from USD 326.1 million in 2018 to USD 743.3 million by 2023, at a Compound Annual Growth Rate (CAGR) of 17.9% during the forecast period. A large presence of open source vendors offering container orchestration platforms, increasing traction of microservices architecture, and proliferation of container orchestration tools are major growth factors for the market. However, persistent storage issues when containers running databases are deployed in production environments, optimizing enterprises infrastructure for containers, and upsurge in container sprawl may affect the market growth.

SMEs segment to grow at a higher CAGR during the forecast period

SMEs are defined as business entities with less than 1,000 employees. SMEs generally face 3 critical challenges: capital, resource skills, and management control. To overcome these issues, they are adopting container orchestration services that enable their business to scale and grow faster. The implementation of container orchestration would help in increased revenue, desired outcomes, and improved business efficiency for SMEs.

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Retail and consumer goods vertical to grow at the highest CAGR during the forecast period

Online retailing and cloud technologies have significantly disrupted the retail and consumer goods vertical. To gain a competitive advantage, retailers are using several technologies, including big data and analytics, which require large volumes of data processing and storage. As the vertical deals with shipping orders and deliverables, it needs IT applications to manage operations. The need to manage and monitor such voluminous data is expected to drive the adoption of container orchestration solutions in the consumer goods and retail vertical.

North America to hold the largest market size, while Asia Pacific (APAC) to grow at the highest CAGR during the forecast period

North America is expected to hold the largest market size during the forecast period, as organizations are shifting toward new and upgraded technologies with the increasing adoption of digital business strategies. Furthermore, organizations have invested in advanced technologies to gain a competitive advantage and improve their business operations. APAC is expected to be the fastest-growing region in the global container orchestration market, owing to the positive economic outlook in the region, increased spending on Information Technology (IT) infrastructure, and tendency of container orchestration tools to drive user experience and improve continuous delivery issues.

The breakdown of the profiles of the primary participants is given below:

By company: Tier 1 – 43%, Tier 2 – 35%, and Tier 3 – 22%

By designation: C-level – 60%, Director level – 25%, and Others – 15%

By region: North America – 44%, Europe – 25%, APAC – 21%, and RoW – 10%

The following key players in the container orchestration market are profiled in the report:

1. SUSE (UK)
2. Oracle (US)
3. Microsoft (US)
4. Red Hat (US)
5. AWS (US)

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6. Google (US)
7. Docker (US)
8. Mesosphere (US)
9. Rancher Labs (US)
10. Cisco (US)
11. Critical Stack (US)
12. Giant Swarm (Germany)
13. Ericsson (US)
14. Aptible (US)
15. Kontena (Finland)
16. SaltStack (US)
17. Hashicorp (US)
18. Shippable (US)
19. Heroku (US)
20. Joyent (South Korea)
21. Pivotal Software (US)
22. Cloudify (US)

Research Coverage

The report segments the global container orchestration market by components, organization size, verticals, and regions. A detailed analysis of the key industry players has been done to provide key insights into their business overviews, services, key strategies, new service launches, partnerships, agreements and collaborations, business expansions, and competitive landscape associated with the container orchestration market.

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

The report comprehensively segments the container orchestration market and provides the closest approximations of the revenue numbers for the overall market and its subsegments across major regions.

It helps stakeholders understand the pulse of the market and provides them with the information on key market drivers, restraints, challenges, and opportunities.

It assists stakeholders in better understanding their competitors and gaining more insights to better their positions in their respective businesses. The

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competitive landscape section includes the vendor comparison of the major players in the container orchestration market.

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