

Global Data Center Fabric Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Fabric-based architecture aids the data center by eliminating the need of multiple layers of devices, switch-to-switch interactions, and also the shared network protocols. It reduces the complexity of a data center network and enhances its efficiency. In a data center, fabric represents interconnection of thousands of servers, storage, and other networking ports in an ultra-low latency infrastructure, which provides any-to-any connectivity, making each device only single hop away from every other device. Nowadays, many organizations have started adopting solutions offered by the data center fabric market, as they facilitate the reduction of operational and capital expenses, resulting in reduced Total Cost of Ownership (TCO).

Scope of the Report:

This report studies the Data Center Fabric market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Data Center Fabric market by product type and applications/end industries.

Fabric switches play a vital role in reducing infrastructure cost by consolidating data centers. Ethernet switches and fiber channels are the building blocks for converging server and storage networking in data centers sharing common infrastructure. Fabric infrastructure is scalable enabling data centers to grow with increasing demands of the organization in future. The operational cost of networking in flattened networks reduces by huge margin when compared to the traditional networks. Rising cost of electricity, cloud adoption and big data storage requirement is motivating organizations to deploy fabric products in their data centers to reduce the overall cost of operating data centers and increase the capacity at the same time. Efficient fabric switches also reduces

overhead cost of power and cooling facilities by significant margin. Growing IT infrastructure demand of organizations to enhance business performance by providing application solutions to its clients at any place and at any time require flat network architecture for the real-time analysis of information stored in physical and virtual servers. The fabric products make networking swift delivering best experience to mobile end users using applications such as online media streaming, social media and online data storage.

The global Data Center Fabric market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of 23.5% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Data Center Fabric.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Arista Networks

Avaya

Brocade

Cisco

Dell

Extreme Networks

HP

Huawei

IBM

Juniper

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Switching

Routers

Storage Area Network (SAN)

Controllers

Network security equipment

Management software

Market Segment by Applications, can be divided into

Cloud services providers

Telecommunication providers

Enterprises

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