Fog Computing Market Research Report- Forecast to 2022

Report Information
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Fog Computing Market, By Type (Hardware, Software), By Application (Smart Energy, Smart Buildings and Home Automation, Transportation, Healthcare, Smart Manufacturing) - Forecast 2022

Market Synopsis of Fog Computing Market:
Market Scenario:
Fog computing is the middle layer between the cloud computing datacenters and the hardware, supporting the management of services at edge of the network than in the cloud. The Fog computing enables efficient data management, processing, analysis, and storage before the data is transported to the cloud which is achieved with the smart devices. The application verticals of fog computing market comprises of smart energy, smart homes, smart manufacturing, and connected healthcare among others. The increasing number of connected devices in the smart applications and data transfer to the cloud generates in large amount of data. The fog computing supports in managing the data efficiently at network edge than processing the data in the cloud. It helps integrating both process and intelligence at data level thereby solving the problem and in decision making, transferring only the valuable data to the cloud.

The factors driving the growth of the fog computing market are increasing applications of internet of things in smart energy, smart homes, smart manufacturing, and connected healthcare among others. Other factors supporting the high adoption of fog computing are high response time, high network bandwidth, minimizes network latency, and problem solving at data level among other. Some of the factors limiting the growth of fog computing are security and privacy issues, and authentication issues among others.

Study Objectives of Fog Computing Market:

- To provide detailed analysis of the market structure along with forecast of the various segments and sub-segments of the fog computing market.
- To provide insights about factors affecting the market growth.
- To analyze the fog computing market based porter's five force analysis etc.
- 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 prospective.
- To provide country level analysis of the market for segment on the basis of components of processed materials and sources of equipment processed.
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market.
- To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the fog computing

Key Players:
The prominent players in the fog computing market are – Cisco Systems Inc. (U.S.), Microsoft Corporation (U.S.), Dell Inc. (U.S.), Toshiba Corporation (Japan), Intel Corporation (U.S.), Fujitsu (Japan), ARM Ltd. (U.K.), Schneider Electric Software, LLC (Japan), PrismTech Corporation (U.S.), and Nebbiolo Technologies (U.S.) among others.

**Segments:**
Fog Computing market is segmented on the basis of type and applications.

Fog Computing Market by Type:
- Hardware
- Software

Fog Computing Market by Application:
- Smart Energy
- Smart Buildings and Home Automation
- Transportation
- Healthcare
- Smart Industries/Manufacturing
- Others

**Regional Analysis:**
The regional analysis of fog computing is being studied for region such as Asia pacific, North America, Europe and Rest of the World. It has been observed that North America would dominate the fog computing market owing to factors such as increasing adoption of internet of things in applications such as smart homes and connected healthcare. The various players contributing in the development of fog computing market are located in North America such as Cisco Systems Inc. (U.S.), Microsoft Corporation (U.S.), and Dell Inc. (U.S.) among others.

Asia Pacific fog computing market is expected to show a positive growth over the forecast period owing to factors such as growing interest of the government, cloud and data centre companies, trade associations and non-governmental organizations towards cloud computing and digital economy.

**Intended Audience**
- Small & Large Enterprises
- Government Bodies
- IT & Telecommunications Companies
- Healthcare organizations
- Utilities Companies
- Smart Energy Organizations
- Financial organizations
- Data center Companies
- IT infrastructure providers
- Software providers
- System integrators
- Network service providers
- Cloud providers

**Contents:**

<table>
<thead>
<tr>
<th>Contents</th>
<th>1 MARKET INTRODUCTION</th>
<th>2 RESEARCH METHODOLOGY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE OF CONTENTS</td>
<td>1.1 INTRODUCTION</td>
<td>2.1 RESEARCH NETWORK SOLUTION</td>
</tr>
<tr>
<td>1.2 SCOPE OF STUDY</td>
<td>1.2.1 RESEARCH OBJECTIVE</td>
<td>2.2 PRIMARY RESEARCH</td>
</tr>
<tr>
<td>1.2.2 ASSUMPTIONS</td>
<td>1.2.3 LIMITATIONS</td>
<td>2.3 SECONDARY RESEARCH</td>
</tr>
<tr>
<td>1.3 MARKET STRUCTURE</td>
<td>2.4 FORECAST MODEL</td>
<td></td>
</tr>
</tbody>
</table>