DDoS Protection Market by Component (Solution, and Service), Application Area (Network, Application, Database, and Endpoint), Deployment Mode, Organization Size, Vertical, and Region - Global Forecast to 2021

Description: The Distributed Denial of Service (DDoS) protection and mitigation market size is estimated to grow from USD 824.4 million in 2016 to USD 2,162.9 million by 2021, at an estimated Compound Annual Growth Rate (CAGR) of 21.3%. The DDoS protection and mitigation market is driven by factors, such as, need to mitigate increasing enterprise targeted DDoS attacks, rising penetration of Internet of Things (IoT), and enterprise mobility trends across organizations. However, high cost of deployment and budget constraints of organizations limit the growth of the market.

Organizations are rapidly growing their partnership networks to deploy DDoS protection and mitigation solutions across the globe. Thus, the managed services segment is expected to grow at the highest CAGR during the forecast period. However, the professional services segment is expected to have the largest market size in 2016.

The application layer, also known as layer 7, segment is estimated to grow at the highest CAGR during the forecast period, due to the rising instances of sophisticated DDoS attacks on the application layer, disrupting operations, thus affecting various business processes. The Banking, Financial Services, and Insurance (BFSI) vertical is estimated to hold the major share of revenue generated in the market, owing to increasing instances of sophisticated DDoS attacks on banking processes. With the adoption of DDoS protection and mitigation solutions, banks and credit unions are detecting DDoS attacks much sooner, thus minimizing the potential damages.

APAC includes emerging economies, such as China, Japan, and India, along with countries from the South East Asia, which are rapidly transforming into business hubs with the regional expansion of global enterprises and the emergence of large number of SMEs. APAC is expected to grow at the highest CAGR during the forecast period. This is primarily due to increasing awareness and adoption of DDoS protection and mitigation solutions and services among enterprises, operating across various industry verticals in the region. Furthermore, North America is expected to have the largest market size in 2016.

In-depth interviews were conducted with CEOs, marketing directors, other innovation & technology directors, and executives from various key organizations operating in the DDoS protection and mitigation market place.

- By company type: Tier 1: 55%, Tier 2: 20%, and Tier 3: 25%
- By designation: C-Level: 60%, D-Level: 25%, and others: 15%
- By region: North America: 15%, Europe: 25%, APAC: 30%, Latin America: 20%, and MEA: 10%

The report includes the study of key players offering DDoS protection and mitigation solutions, such as, Arbor Networks, Inc. (U.S.), Akamai Technologies, Inc. (U.S.), F5 Networks (U.S.), Imperva, Inc. (U.S.), Radware, Ltd. (Israel), Corero Network Security, Inc. (U.S.), Neustar, Inc. (U.S.), Cloudflare, Inc. (U.S.), Nexusguard, Ltd. (U.S.), and DOSarrest Internet Security, Ltd. (Canada).

Research Coverage

The report provides a picture on DDoS protection and mitigation solutions and associated services across different industry verticals and regions. It aims at estimating the market size and future growth potential of this market across different segments, such as component, enforcement point, deployment mode, organization size, vertical, and region. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, SWOT analysis, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants in this market, by providing them with the closest
approximations of the revenue numbers for the overall DDoS protection and mitigation market and subsegments. This report will help stakeholders to better understand the competitor landscape, gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps the stakeholders to understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primary Interviews
2.2 Market Size Estimation
2.2.1 Bottom-Up Approach
2.2.2 Top-Down Approach
2.3 Market Breakdown and Data Triangulation
2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities in the Global DDoS Protection Market
4.2 DDoS Protection Market, By Application Area
4.3 DDoS Protection Global Market
4.4 Life Cycle Analysis, By Geography

5 Market Overview
5.1 Introduction
5.2 Market Evolution
5.3 Market Segmentation
5.3.1 By Component
5.3.2 By Application Area
5.3.3 By Deployment Mode
5.3.4 By Organization Size
5.3.5 By Vertical
5.3.6 By Region
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 Increasing Instances of Sophisticated DDoS Attacks
5.4.1.2 Easy Availability of Attack Tools, For-Hire Services and Extortion Activities
5.4.1.3 Introduction of Cost-Effective Cloud-Based and Hybrid Solutions
5.4.1.4 Proliferation of Technology and Adoption of Iot Across Various Verticals
5.4.2 Restraints
5.4.2.1 Increasing Operational Costs
5.4.2.2 Availability of Free and Pirated DDoS Protection Solutions
5.4.3 Opportunities
5.4.3.1 Purpose-Built/Customized DDoS Mitigation Solutions
5.4.3.2 Rising Demand for Integrated and Next Generation Security Solutions
5.4.4 Challenges
5.4.4.1 Rapidly Changing DDoS Attack Trends and Massive Scale Volumetric Attacks
5.4.4.2 Lack of Technical Cyber Security Expertise
5.4.4.3 Lack of Situational Awareness and Understanding Amongst the Stakeholders
5.5 Regulatory Implications
5.6 Innovation Spotlight

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Strategic Benchmarking
6.3.1 Strategic Benchmarking: Product Launch and Enhancement

7 DDoS Protection Market Analysis, By Component
7.1 Introduction
7.2 Solution
7.3 Services
7.3.1 Professional Services
7.3.1.1 Design and Implementation
7.3.1.2 Consulting
7.3.1.3 Training and Education
7.3.1.4 Support and Maintenance
7.3.2 Managed Services

8 DDoS Protection Market Analysis, By Application Area
8.1 Introduction
8.2 Network
8.3 Application
8.4 Database
8.5 Endpoint

9 DDoS Protection Market Analysis, By Deployment Mode
9.1 Introduction
9.2 On-Premises
9.3 Cloud
9.4 Hybrid

10 DDoS Protection Market Analysis, By Organization Size
10.1 Introduction
10.2 Small and Medium Enterprises (SMES)
10.3 Large Enterprises

11 DDoS Protection Market Analysis, By Vertical
11.1 Introduction
11.2 Government and Defense
11.3 Banking, Financial Services, and Insurance (BFSI)
11.4 Manufacturing
11.5 Energy and Utilities
11.6 IT and Telecom
11.7 Healthcare
11.8 Education
11.9 Retail
11.10 Others

12 DDoS Protection Market Analysis, By Region
12.1 Introduction
12.2 North America
12.3 Europe
12.4 Asia-Pacific (APAC)
12.5 Middle East and Africa
12.6 Latin America

13 Competitive Landscape
13.1 Overview
13.2 Competitive Situations and Trends
13.3 DDoS Protection: Vendor Analysis

14 Company Profiles
14.1 Introduction
14.2 Arbor Networks, Inc.
14.3 Akamai Technologies, Inc.
14.4 F5 Networks, Inc.
14.5 Imperva
14.6 Radware Ltd.
14.7 Corero Network Security, Inc.
14.8 Neustar, Inc.
14.9 Cloudflare, Inc.
14.10 Nexusguard Ltd
14.11 Dosarrest Internet Security Ltd

15 Key Innovators
15.1 Nsfocus
15.2 Labris Networks
15.3 Seceon Inc
15.4 Verisign, Inc.
15.5 L7 Defense

16 Appendix
16.1 Industry Experts
16.2 Discussion Guide

List of Tables

Table 1 DDoS Protection Market Size and Growth, 2014-2021, (USD Million, Y-O-Y %)
Table 2 Innovation Spotlight: Latest DDoS Protection Innovations
Table 3 DDoS Protection Market Size, By Component, 2014-2021 (USD Million)
Table 4 Solutions: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 5 Services: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 6 DDoS Protection Size, By Service, 2014-2021 (USD Million)
Table 7 Professional Services: DDoS Protection Market Size, By Type, 2014-2021 (USD Million)
Table 8 Design and Implementation: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 9 Consulting: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 10 Training and Education: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 11 Support and Maintenance: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 12 Managed Services: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 13 DDoS Protection Market Size, By Application Area, 2014-2021 (USD Million)
Table 14 Network: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 15 Application: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 16 Database: Endpoint DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 17 Endpoint: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 18 DDoS Protection Market Size, By Deployment Mode, 2014-2021 (USD Million)
Table 19 On-Premises: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 20 Cloud: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 21 Hybrid: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 22 DDoS Protection Market Size, By Organization Size, 2014-2021 (USD Million)
Table 23 Small and Medium Enterprises: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 24 Large Enterprises: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 25 DDoS Protection Market Size, By Vertical, 2014-2021 (USD Million)
Table 26 Government and Defense: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 27 Banking, Financial Services, and Insurance: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 28 Manufacturing: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 29 Energy and Utilities: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 30 IT and Telecom: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 31 Healthcare: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 32 Education: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 33 Retail: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Table 34 Others: DDoS Protection Market Size, By Region, 2014-2021 (USD Million)
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

| Product Name: DDoS Protection Market by Component (Solution, and Service), Application Area (Network, Application, Database, and Endpoint), Deployment Mode, Organization Size, Vertical, and Region - Global Forecast to 2021 |
| Web Address: http://www.researchandmarkets.com/reports/4062738/ |
| Office Code: SC2GU7AY |

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>Last Name:</td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World