

# **Global Bot Security Market Size study, by Security Type (Web Security, Mobile Security, API Security), by Component (Standalone Solution, Services(Professional Services, Managed Services)), by deployment mode (Cloud, On-premises), by Organization size (Large Enterprises, SMEs) by End use(Retail and eCommerce, Media and Entertainment, Travel and Tourism, BFSI, Telecom ,Government and Defense, Healthcare, Others (Education, IT and ITeS, Energy and Utilities))and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Bot Security Market is valued at approximately USD 0.34 million in 2020 and is anticipated to grow with a healthy growth rate of more than 19.2 % over the forecast period 2021-2027. Bots or Internet robots, also called spiders, crawlers, and web bots, are software programs operated on the internet and are used to perform repetitive jobs. Bots can be classified in 2 types: good bots and bad bots. While good bots can be used for performing tasks such as indexing a search engine, bad bots, are often used to form a bot network and perform malware attacks. Botnet is a group of internet-connected devices that are infected by malware allowing hackers to control them. These botnets are used by cybercriminals for malicious activities such as data theft and credential leaks. Bot security consists of solutions to detect and mitigate such botnets and keeping organizations secured. Increase in bad bot traffic is expected to fuel the Bot Security Market. Moreover, several key players are taking strategic initiatives to expand their presence in the market. For instance, in May 2021, Imperva acquired CloudVector

which enabled Imperva to guard its customers from the risks related with the discovery, monitoring, and protection of API traffic in any environment from exploits and breaches. The acquisition of CloudVector improved Imperva's capability in handling complex API security risks.

- In February 2021, Epiq chose Cloudflare for WAF security, through this Epiq clients gain greater control over business and security risks. Epiq's implementation of Cloudflare's solutions will give its clients more granular control of security, protecting them against DDoS attacks and malicious botnets.
- In October 2020, Fastly acquired Signal Sciences, for approx. USD 775 million in cash and stock, this transaction syndicates Signal Sciences' powerful web application and API security solutions with Fastly's edge cloud platform and existing security offerings for a combined edge security solution to protect websites and web applications.
- In February 2021, Epiq chose Cloudflare for WAF security, this enabled Epiq clients to gain greater control over business and security risks. Epiq's implementation of Cloudflare's solutions will provide its clients better granule control of security, protecting them against DDoS attacks and malicious botnets.
- In October 2020, Fastly acquired Signal Sciences, for estimated USD 775 million in cash and stock. The transaction enables Signal Science's powerful web application and API security solutions with Fastly's edge cloud platform and existing security offerings for a combined edge security solution to protect websites and web applications.

However, as cybercrime is moving towards becoming a profit-driven industry, it may impede market growth over the forecast period of 2021-2027.

To overcome this, increasing integration of bot management and protection into existing WAF and antivirus programs can be a future opportunity for market to grow.

The regional analysis of the global Bot Security Market Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World (ROW). North America is predicted to account for the maximum market share in the bot security market. Early implementation of bot security and the presence of several vendors that deliver bot security solutions are likely to drive market growth in the region. Businesses in this region are progressively applying bot security solution for enabling data security, avoiding cyber-attacks on online businesses, mainly, and safeguarding security and privacy of data to enable business continuity.

Major market player included in this report are:

Akamai Technologies

Imperva

PerimeterX

Cloudflare

Radware

Fastly

F5.

Sophos

Reblaze

Netacea

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Security Type:

Web Security

Mobile Security

API Security

By Component :

Standalone Solution

Services(Professional Services, Managed Services)

By Deployment Mode:

Cloud

On-premises

By Organization Size:

Large Enterprises

SMEs

By End Use:

Retail and eCommerce

Media and Entertainment

Travel and Tourism

BFSI

Telecom

Government and Defense

Healthcare

Others (Education, IT and ITeS, Energy and Utilities)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018-19

Base year – 2019-2020

Forecast period – 2021 to 2027.

Target Audience of the Global Bot Security Market Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Bot Security Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. Bot Security Market, by Security Type, 2019-2027 (USD Billion)
  - 1.2.3. Bot Security Market, by Deployment mode , 2019-2027 (USD Billion)
  - 1.2.4. Bot Security Market, by Organization Size , 2019-2027 (USD Billion)
  - 1.2.5. Bot Security Market, by Component , 2019-2027 (USD Billion)
  - 1.2.6. Bot Security Market, by End use, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL BOT SECURITY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL BOT SECURITY MARKET DYNAMICS

- 3.1. Bot Security Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increase in bad bot traffic ‘
    - 3.1.1.2. Increasing Sophistication of botnet attacks and loss of revenues for organization
  - 3.1.2. Market Restraint
    - 3.1.2.1. Cyber-crime moving towards becoming a profit-driven industries
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Shift of traffic from web to mobile

### CHAPTER 4. GLOBAL BOT SECURITY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL BOT SECURITY MARKET, BY SECURITY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Bot Security Market by Type , Performance - Potential Analysis
- 5.3. Global Bot Security Market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Bot Security Market, Sub Segment Analysis
  - 5.4.1. Web Security
  - 5.4.2. Mobile Security
  - 5.4.3. API Security

## **CHAPTER 6. GLOBAL BOT SECURITY MARKET, BY DEPLOYMENT TYPE**

- 6.1. Market Snapshot
- 6.2. Global Bot Security Market by Application, Performance - Potential Analysis
- 6.3. Global Bot Security Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.4. Bot Security Market, Sub Segment Analysis
  - 6.4.1. Cloud
  - 6.4.2. On-premises

## **CHAPTER 7. GLOBAL BOT SECURITY MARKET, BY ORGANIZATION SIZE**

- 7.1. Market Snapshot

7.2. Global Bot Security Market by organization size, Performance - Potential Analysis

7.3. Global Bot Security Market Estimates & Forecasts by organization size 2018-2027 (USD Billion)

7.4. Bot Security Market, Sub Segment Analysis

7.4.1. Large enterprises

7.4.2. SMEs

## **CHAPTER 8. GLOBAL BOT SECURITY MARKET, BY COMPONENT**

8.1. Market Snapshot

8.2. Global Bot Security Market by End use, Performance - Potential Analysis

8.3. Global Bot Security Market Estimates & Forecasts by End use 2018-2027 (USD Billion)

8.4. Bot Security Market, Sub Segment Analysis

8.4.1. Standalone Solution

8.4.2. Services (professional services, managed services)

## **CHAPTER 9. GLOBAL BOT SECURITY MARKET BY END USE**

9.1. Market Snapshot

9.2. Global Bot Security Market by End use, Performance - Potential Analysis

9.3. Global Bot Security Market Estimates & Forecasts by End use 2018-2027 (USD Billion)

9.4. Bot Security Market, Sub Segment Analysis

9.4.1. Retail and eCommerce

9.4.2. Media and Entertainment

9.4.3. Travel and Tourism

9.4.4. BFSI

9.4.5. Telecom

9.4.6. Government and Defense

9.4.7. Healthcare

9.4.8. Others (Education, IT and ITeS, Energy and Utilities)

## **CHAPTER 10. GLOBAL BOT SECURITY MARKET, REGIONAL ANALYSIS**

10.1. Bot Security Market , Regional Market Snapshot

10.2. North America Bot Security Market

10.2.1. U.S. Bot Security Market

- 10.2.1.1. Type breakdown estimates & forecasts, 2018-2027
- 10.2.1.2. Application breakdown estimates & forecasts, 2018-2027
- 10.2.1.3. End use breakdown estimates & forecasts, 2018-2027
- 10.2.2. Canada Bot Security Market
- 10.3. Europe Bot Security Market Snapshot
  - 10.3.1. U.K. Bot Security Market
  - 10.3.2. Germany Bot Security Market
  - 10.3.3. France Bot Security Market
  - 10.3.4. Spain Bot Security Market
  - 10.3.5. Italy Bot Security Market
  - 10.3.6. Rest of Europe Bot Security Market
- 10.4. Asia-Pacific Bot Security Market Snapshot
  - 10.4.1. China Bot Security Market
  - 10.4.2. India Bot Security Market
  - 10.4.3. Japan Bot Security Market
  - 10.4.4. Australia Bot Security Market
  - 10.4.5. South Korea Bot Security Market
  - 10.4.6. Rest of Asia Pacific Bot Security Market
- 10.5. Latin America Bot Security Market Snapshot
  - 10.5.1. Brazil Bot Security Market
  - 10.5.2. Mexico Bot Security Market
- 10.6. Rest of The World Bot Security Market

## **CHAPTER 11. COMPETITIVE INTELLIGENCE**

- 11.1. Top Market Strategies
- 11.2. Company Profiles
  - 11.2.1. Akamai Technologies
    - 11.2.1.1. Key Information
    - 11.2.1.2. Overview
    - 11.2.1.3. Financial (Subject to Data Availability)
    - 11.2.1.4. Product Summary
    - 11.2.1.5. Recent Developments
  - 11.2.2. Imperva
  - 11.2.3. PerimeterX
  - 11.2.4. Cloudflare
  - 11.2.5. Radware
  - 11.2.6. Fastly
  - 11.2.7. F5.



- 11.2.8. Sophos
- 11.2.9. Reblaze
- 11.2.10. Netacea

## **CHAPTER 12. RESEARCH APPLICATION**

- 12.1. Research Application
  - 12.1.1. Data Mining
  - 12.1.2. Analysis
  - 12.1.3. Market Estimation
  - 12.1.4. Validation
  - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Bot Security Market , report scope

TABLE 2. Global Bot Security Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Bot Security Market estimates & forecasts by Security Type 2018-2027 (USD Billion)

TABLE 4. Global Bot Security Market estimates & forecasts by Deployment Mode 2018-2027 (USD Billion)

TABLE 5. Global Bot Security Market estimates & forecasts by Organization Size 2010-2027 (USD Billion)

TABLE 6. Global Bot Security Market estimates & forecasts by Component 2010-2027 (USD Billion)

TABLE 7.

TABLE 8. Global Bot Security Market estimates & forecasts by End use 2018-2027 (USD Billion)

TABLE 9. Global Bot Security Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Bot Security Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Bot Security Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Bot Security Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Bot Security Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Bot Security Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Bot Security Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Bot Security Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global Bot Security Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global Bot Security Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global Bot Security Market by segment, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 20. Global Bot Security Market by region, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 21. Global Bot Security Market by segment, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 22. Global Bot Security Market by region, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 23. Global Bot Security Market by segment, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 24. Global Bot Security Market by region, estimates & forecasts, 2018-2027

(USD Billion)

TABLE 25. U.S. Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. U.S. Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 27. U.S. Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 28. Canada Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. Canada Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 30. Canada Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 31. UK Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. UK Bot Security Market estimates & forecasts by segment 2018-2027 (USD

Billion)

TABLE 33. UK Bot Security Market estimates & forecasts by segment 2018-2027 (USD

Billion)

TABLE 34. Germany Bot Security Market estimates & forecasts, 2018-2027 (USD

Billion)

TABLE 35. Germany Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 36. Germany Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 37. France Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. France Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 39. France Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 40. Spain Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Spain Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 42. Spain Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 43. Italy Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. Italy Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 45. Italy Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 46. ROE Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. ROE Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 48. ROE Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 49. China Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. China Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 51. China Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 52. India Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. India Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 54. India Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 55. Japan Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Japan Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 57. Japan Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 58. Australia Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. Australia Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 60. Australia Bot Security Market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 61. South Korea Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. South Korea Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. South Korea Bot Security Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 64. ROPAC Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. ROPAC Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. ROPAC Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Brazil Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Brazil Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Brazil Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. Mexico Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. Mexico Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. Mexico Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROLA Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROLA Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROLA Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. ROW Bot Security Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 77. ROW Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 78. ROW Bot Security Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 79. List of secondary sources used in the study of global Bot Security Market .

TABLE 80. List of primary sources used in the study of global Bot Security Market .

TABLE 81. Years considered for the study.

TABLE 82. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Bot Security Market , research methodology
- FIG 2. Global Bot Security Market , market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Bot Security Market , key trends 2019
- FIG 5. Global Bot Security Market , growth prospects 2020-2027
- FIG 6. Global Bot Security Market , porters 5 force model
- FIG 7. Global Bot Security Market , pest analysis
- FIG 8. Global Bot Security Market , value chain analysis
- FIG 9. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Bot Security Market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Bot Security Market , regional snapshot 2018 & 2027
- FIG 18. North America Bot Security Market 2018 & 2027 (USD Billion)
- FIG 19. Europe Bot Security Market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Bot Security Market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Bot Security Market 2018 & 2027 (USD Billion)
- FIG 22. Global Bot Security Market , company market share analysis (2019)

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