



Driving at 18.2% CAGR | DNS Firewall Market Size Reach USD 785.1 Million by 2032 Globally

WILMINGTON, DE, UNITED STATES, October 15, 2025 /EINPresswire.com/ -- According to the report published by Allied Market Research, Driving at 18.2% CAGR | [DNS Firewall Market Size Reach USD 785.1 Million by 2032 Globally](#). The report provides an extensive analysis of changing market dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers valuable able guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

The global DNS firewall market was valued at USD 151.6 million in 2022, and is projected to reach USD 785.1 million by 2032, growing at a CAGR of 18.2% from 2023 to 2032.

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Rise in implementation of BYOD policy and rise in adoption of Internet of things, drive the growth of the DNS firewall market. Use of cloud-based technology in DNS firewall is anticipated to provide lucrative development opportunities for the DNS firewall market during the forecast period.

The DNS firewall market is segmented into deployment mode, organization size, end-user, industry vertical, and region. Based on deployment mode, it is segmented into on-premise and cloud. As per organization size, it is segmented into large enterprises and small & medium enterprises. Based on end-user the market is categorized into DNS providers, domain name registrars, enterprises, website hosts, and service providers. As per industry vertical, the market is classified into BFSI, media & entertainment, government, retail and e-commerce, IT & telecom, education, healthcare, and others. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players profiled in the DNS firewall market analysis are IBM, EfficientIP, Comodo Group Inc., Allied Telesis Inc., Digicert, Inc., Cisco Systems Inc., BlueCat Networks, Cloudflare, Inc., F5, Inc., and Infoblox. These players have adopted various strategies to increase their market penetration and strengthen their position in the DNS firewall industry.

If you have any questions, Please feel free to contact our analyst at:

Market Landscape and Trends

The adoption of the zero-trust security model influences the DNS firewall market. Zero-trust emphasizes the need to verify everything trying to connect to a network, and DNS plays a crucial role in this model. DNS firewalls are used to ensure that only trusted entities gain access to the network. Moreover, AI and machine learning technologies are being integrated into DNS firewall solutions. This technology enables DNS firewalls to analyse network traffic patterns and detect anomalies or suspicious activity in real time. This proactive approach to security is becoming increasingly essential in the modern threat landscape.

In addition, massive data breaches made headlines, causing significant financial and reputational damage for businesses. DNS firewalls help prevent data breaches by accessing malicious domains and IP addresses, making them important data protection mechanisms and are also expected to speed up the deployment of 5G networks on in the coming years. With higher data speeds and low latency, 5G networks will enable more devices to connect, increasing the need for DNS firewall protection to safeguard these connections.

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Region-wise, Asia-Pacific is expected to be the fastest growing region during the forecast period owing to rise in demand for managed DNS security services in the Asia-Pacific region. Many organizations prefer outsourcing DNS security to specialized providers to enhance their security posture while focusing on core business operations.

Based on deployment mode, the on-premise segment held the highest market share in 2022, accounting for more than half of the global DNS firewall market revenue and is expected to rule the roost throughout the forecast timeframe. The growth is attributed to the growing on-premises DNS firewall solutions incorporating advanced threat detection technologies, such as machine learning and behavioral analytics, to enhance their security capabilities. However, the virtual appliance segment is projected to manifest the highest CAGR of 21.4% from 2023 to 2032.

On the basis of industry vertical, the BFSI segment attained the highest DNS firewall market size in 2022, owing to the digitizing banking services, increasing vulnerability to cyberattacks, and others. Adoption of DNS analytics plays a critical role in preventing DoS and DNS-related attacks across banks to financial institutions, which are highly targeted by cybercriminals and malware attacks overtime.

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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Allied Market Research (AMR) is a market research and business-consulting firm of Allied Analytics LLP, based in Portland, Oregon. AMR offers market research reports, business solutions, consulting services, and insights on markets across 11 industry verticals. Adopting extensive research methodologies, AMR is instrumental in helping its clients to make strategic business decisions and achieve sustainable growth in their market domains. We are equipped with skilled analysts and experts and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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