Virtualization Security - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Virtualization Security Market size is estimated at USD 1.97 billion in 2025, and is expected to reach USD 4.00 billion by 2030, at a CAGR of 15.2% during the forecast period (2025-2030).

Virtualization has rapidly impacted the IT and network area, with enormous cost savings and returns from data centers, companies, or cloud computing investments. The new environment is complicated, and a new network has been created with virtualization approaches to existing networks, requiring an entirely new security approach.

The increased load on servers is causing a lot of problems for businesses. Virtualization makes managing your servers' load easier, which suits the organization in terms of costs and time.

Virtualization leads to hardware reductions, increasing physical security as there are fewer devices and, ultimately, fewer data centers. Therefore, adopting virtualization will have a positive impact and thus increase the market for virtualization security.

The market growth is also supported by many factors, such as cloud security solutions that improve productivity and efficiency, increased demand for crypto mining, remote access to ransom payments, and increased R&D activities carried out by key players.

Owing to the rise in concerns related to cyberattacks and a lack of awareness of virtualization security and skilled professionals, rising concerns regarding breaches in the security layers by hackers will again hamper the market growth rate.

The COVID-19 pandemic positively impacted the growth rate of the virtualization security market, owing to an increase in demand for virtualization security solutions among SMEs and large enterprises for protecting organizations and the growing need to detect

and block malware to reduce the risk of cyber-attacks and data theft issues.

Virtualization Security Market Trends

IT & Telecom is Expected to Hold a Major Market Share

- Virtual security may take advantage of the functions of existing safety hardware appliances, such as firewalls and antivirus protection systems, by making them available through software. Virtualized security may also perform additional security functions essential to the information technology industry.
- One of the main drivers of market growth will be an increase in the volume of critical organizational data. The growing number of cases of identity fraud and the strengthening of the information technology industry are driving product designers to focus their efforts on new and advanced security technologies, especially in developing economies.
- Moreover, using on-premise software is helpful in large enterprises because it allows applications to be implemented at the level of an enterprise's IT infrastructure while providing greater security.
- Network flexibility is essential to the sustainable success of any telecommunications operator. The lead will be taken by operators who can quickly ramp up their capacity and performance in response to customer demands. The network needs to be personalized to deliver the best new products and services as soon as possible before the competition to achieve outstanding customer satisfaction levels.
- Telecom networks contain a continuously increasing wide array of proprietary hardware appliances. Also, the complicated integration and deployment of these appliances into networks launching a new network service requires an additional device, making finding capacity and power for those devices even more challenging. This has led to substantial adoption rates of virtualization and the massive adoption of virtualization security solutions.

North America is Expected to Hold a Major Market Share During the Forecast Period

- The server load has increased significantly due to the recent sharp increase in information technology services in the United States. Given the rising competition among IT companies, the technologies must be improved immediately to gain a competitive edge.
- Moreover, the focus of the organizations has shifted from infrastructure to information. The costs involved and shortchanging are the business functions the organizations focus on.
- Factors such as the growing adoption of numerous security measures firms take to protect their data and systems drive this market. The market is projected to increase during the forecast period, with an increasing incidence of data breaches and cybercrimes across the country.
- In addition, more service providers in the United States and Canada offering virtualization solutions are expected to impact the virtualization security market significantly.
- Developing the next generation of AI and machine learning solutions, top organizations and public authorities in this country are investing directly in technology, which is anticipated to offer remunerative opportunities for the manufacturers of virtualization security technology across the region.

Virtualization Security Industry Overview

The virtualization security market is fragmented and consists of several major players. None of the players currently dominate the market in terms of market share. Companies have been focusing on product innovation to gain a competitive advantage.

August 2023: VMware Inc. announced the next evolution of VMware Cloud, which empowers customers with new editions and capabilities that will help them optimize, modernize, and better protect their organizations. With VMware Cloud, customers innovate faster, operate more efficiently, improve threat defenses, and recover from ransomware attacks more quickly.

March 2023: Hewlett Packard Enterprise agreed to acquire OpsRamp, an IT operations management company. By integrating OpsRamp's hybrid digital operations management solution with the HPE GreenLake edge-to-cloud platform, the operational complexity of heterogeneous and dispersed multi-cloud IT infrastructures on Public Cloud, Colocations, and on-premises will be reduced.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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