

Cloud Security Posture Management (CSPM) Market Forecasts to 2032 – Global Analysis By Component (Solutions and Services), Deployment, Enterprise Size, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Cloud Security Posture Management (CSPM) Market is accounted for \$6.40 billion in 2025 and is expected to reach \$13.60 billion by 2032 growing at a CAGR of 11.4% during the forecast period. Cloud Security Posture Management (CSPM) encompasses automated capabilities that continuously scan and correct security weaknesses within cloud platforms. These tools help organizations uncover configuration errors, validate compliance requirements, and maintain unified oversight across hybrid or multi-cloud setups. CSPM technologies track cloud assets in real time, highlighting risks like weak authentication settings, unprotected data buckets, and overly broad user privileges. By aligning with DevOps pipelines, CSPM embeds security checks early and helps shrink exposure created by rapidly evolving cloud systems. With enterprises scaling their cloud workloads, CSPM is now vital for strengthening governance, preventing unauthorized access, and supporting adherence to industry and regulatory standards.

According to the Cloud Security Alliance (CSA), the Cloud Controls Matrix (CCM) is considered a de facto standard for cloud security assurance and compliance, providing 197 control objectives across 17 domains. It is explicitly designed to help organizations systematically assess cloud implementations and align with industry accepted security standards.

Market Dynamics:

Driver:

Rising cloud adoption

The accelerating shift toward cloud platforms strongly fuels the CSPM market, as more businesses move applications, data, and services into diverse cloud setups. Increasing cloud dependence introduces risks such as misconfigurations, inconsistent security practices, and limited operational visibility. CSPM tools help organizations mitigate these issues by automating assessment processes, ensuring real-time compliance validation, and enabling unified security management across multi-cloud deployments. As digital modernization efforts expand, companies require continuous oversight to protect critical assets and control rapidly changing cloud environments. This ongoing surge in cloud utilization significantly boosts the adoption of CSPM technologies aimed at improving governance, reducing vulnerabilities, and maintaining secure cloud operations.

Restraint:

High deployment and integration costs

The CSPM market faces notable limitations due to high implementation and integration expenses that many organizations struggle to manage, particularly smaller firms with restricted IT budgets. Deploying CSPM tools requires significant spending on software, cloud-security specialists, and alignment with existing infrastructure. Additional costs arise from continuous support, workforce training, and periodic enhancements, raising long-term operational commitments. The complexity of integrating CSPM across multi-cloud setups further increases cost and effort. Because of these financial pressures, some companies delay or avoid adopting CSPM technologies, especially in industries where cybersecurity budgets are conservative. This cost-related hesitation weakens overall market expansion and slows adoption rates.

Opportunity:

Growing adoption of DevSecOps and shift-left security

The rising focus on DevSecOps and shift-left methodologies opens strong opportunities for CSPM growth as companies work to integrate security earlier in development cycles. CSPM tools can connect with CI/CD frameworks to identify risks before deployment, apply security policies automatically, and support consistent configuration management. This approach reduces exposure, improves release speed, and ensures security is built

into cloud-native applications. As enterprises increase automation in software delivery, demand for CSPM-enabled security workflows continues to expand. Vendors can benefit by offering advanced integrations, developer-oriented tools, and instant visibility. This synergy between CSPM and DevSecOps significantly accelerates market expansion.

Threat:

Growing competition from alternative cloud security solutions

The CSPM market faces significant pressure due to the rise of alternative cloud security systems that provide overlapping features. Solutions such as CWPP, SSE, CNAPP, and identity-focused platforms increasingly bundle CSPM capabilities into broader, unified security ecosystems. As more enterprises select all-in-one platforms for cost efficiency and simplification, standalone CSPM tools risk losing market appeal. Vendors offering narrow CSPM functionalities may struggle to compete with integrated solutions delivering end-to-end cloud protection. This convergence of security technologies diminishes differentiation, forcing CSPM providers to expand their scope or risk being overshadowed by more comprehensive cloud security suites.

Covid-19 Impact:

COVID-19 reshaped the CSPM market by accelerating cloud usage as businesses shifted to remote operations and digital-first models. The rapid migration created new vulnerabilities, configuration errors, and compliance pressures, increasing the need for continuous cloud-security monitoring. CSPM platforms gained importance by providing automated assessments, real-time visibility, and policy enforcement across fast-growing multi-cloud and hybrid setups. Although many organizations faced financial constraints during the pandemic, securing cloud workloads became a top priority, leading to steady CSPM adoption. As a result, the pandemic acted as a major growth driver, highlighting the critical role of CSPM in safeguarding expanding cloud infrastructures and supporting long-term cybersecurity strategies.

The public cloud segment is expected to be the largest during the forecast period

The public cloud segment is expected to account for the largest market share during the forecast period because companies often prefer public providers due to their elastic infrastructure, on-demand billing, and reduced capital expenditure. CSPM tools designed specifically for public cloud environments find broad adoption as organizations

rely on them for real-time monitoring, automated compliance, and risk detection across cloud-native architectures like IaaS, PaaS, and SaaS. The universal use of public cloud by businesses large and small gives CSPM vendors a wide addressable market, ensuring that public-cloud deployments remain the dominant and most profitable category in the posture-management market.

The healthcare & life sciences segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the healthcare & life sciences segment is predicted to witness the highest growth rate. This surge comes from hospitals and medical providers migrating critical patient data to the cloud, deploying electronic health record systems, and scaling telemedicine. Because the healthcare industry is heavily regulated (for example, under HIPAA) and handles highly sensitive data, there is strong demand for continuous monitoring, automated compliance, and posture-management tools. The critical importance of securing clinical and patient-centric cloud workloads underpins this rapid expansion, making healthcare the most dynamic sector for CSPM adoption.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share due to its advanced cloud maturity, robust cybersecurity framework, and high adoption of cloud services. Major cloud players operating in the U.S. and Canada create a fertile ecosystem for posture-management tools, while strong regulatory demands push enterprises to adopt CSPM for continuous security and compliance. Large corporations in finance, healthcare, and technology increasingly rely on these tools to automate risk detection, fix misconfigurations, and safeguard cloud data. This mix of technological readiness, regulatory pressure, and strong enterprise demand gives North America a commanding position in the CSPM industry.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to accelerating digitalization, widespread cloud adoption, and stronger cybersecurity focus. Nations like China, India, Japan, and Australia are rapidly building cloud infrastructure and investing in posture-management tools to secure their cloud-native platforms. Regulatory developments around data privacy and cloud governance are also prompting companies to adopt CSPM. Furthermore, a surge in SMEs and startups across the region is increasing demand for automated cloud security and

compliance. These combined forces position Asia Pacific as the region with the highest growth rate in the CSPM market.

Key players in the market

Some of the key players in Cloud Security Posture Management (CSPM) Market include Lacework, Fugue, Prisma Cloud, Trend Micro, Check Point, Orca Security, CrowdStrike, ZScaler, CloudCheckr, SentinelOne, Microsoft Defender for Cloud, Wiz, Uptycs, Datadog and Aqua Security.

Key Developments:

In September 2025, Check Point® Software Technologies Ltd. announced it has entered into an agreement to acquire Lakera, one of the world's leading AI-native security platforms for Agentic AI applications. With this acquisition, Check Point sets a new standard in cyber security, becoming able to deliver a full end-to-end AI security stack designed to protect enterprises as they accelerate their AI journey.

In September 2025, CrowdStrike and Redington announce new distribution agreement to accelerate cybersecurity transformation across India. This partnership strengthens Redington's channel reach, expands CrowdStrike's regional channel ecosystem, and enables Redington's partner base of leading resellers to drive vendor consolidation and stop breaches with cybersecurity's leading platform for the AI era.

In August 2025, SentinelOne® announced it has signed a definitive agreement to acquire Prompt Security, a pioneer in securing AI in runtime, preventing AI-related data leakage and protecting intelligent agents. The deal is part of SentinelOne's strategy to extend its AI-native Singularity™ Platform to secure the rapidly growing use of generative (GenAI) and agentic AI in the workplace.

Components Covered:

Solutions

Services

Deployments Covered:

Public Cloud

Private Cloud

Hybrid Cloud

Enterprise Sizes Covered:

Small & Medium Enterprises (SMEs)

Large Enterprises

End Users Covered:

BFSI (Banking, Financial Services, Insurance)

Healthcare & Life Sciences

Retail & E-commerce

IT & Telecom

Government & Defense

Energy & Utilities

Manufacturing & Industrial

Education & Research

Media & Entertainment

Transportation & Logistics

Agriculture & Food Processing

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

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customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL CLOUD SECURITY POSTURE MANAGEMENT (CSPM) MARKET, BY

Cloud Security Posture Management (CSPM) Market Forecasts to 2032 – Global Analysis By Component (Solutions an...

COMPONENT

- 5.1 Introduction
- 5.2 Solutions
- 5.3 Services

6 GLOBAL CLOUD SECURITY POSTURE MANAGEMENT (CSPM) MARKET, BY DEPLOYMENT

- 6.1 Introduction
- 6.2 Public Cloud
- 6.3 Private Cloud
- 6.4 Hybrid Cloud

7 GLOBAL CLOUD SECURITY POSTURE MANAGEMENT (CSPM) MARKET, BY ENTERPRISE SIZE

- 7.1 Introduction
- 7.2 Small & Medium Enterprises (SMEs)
- 7.3 Large Enterprises

8 GLOBAL CLOUD SECURITY POSTURE MANAGEMENT (CSPM) MARKET, BY END USER

- 8.1 Introduction
- 8.2 BFSI (Banking, Financial Services, Insurance)
- 8.3 Healthcare & Life Sciences
- 8.4 Retail & E-commerce
- 8.5 IT & Telecom
- 8.6 Government & Defense
- 8.7 Energy & Utilities
- 8.8 Manufacturing & Industrial
- 8.9 Education & Research
- 8.10 Media & Entertainment
- 8.11 Transportation & Logistics
- 8.12 Agriculture & Food Processing

9 GLOBAL CLOUD SECURITY POSTURE MANAGEMENT (CSPM) MARKET, BY GEOGRAPHY

- 9.1 Introduction
- 9.2 North America
 - 9.2.1 US
 - 9.2.2 Canada
 - 9.2.3 Mexico
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 Italy
 - 9.3.4 France
 - 9.3.5 Spain
 - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
 - 9.4.1 Japan
 - 9.4.2 China
 - 9.4.3 India
 - 9.4.4 Australia
 - 9.4.5 New Zealand
 - 9.4.6 South Korea
 - 9.4.7 Rest of Asia Pacific
- 9.5 South America
 - 9.5.1 Argentina
 - 9.5.2 Brazil
 - 9.5.3 Chile
 - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
 - 9.6.1 Saudi Arabia
 - 9.6.2 UAE
 - 9.6.3 Qatar
 - 9.6.4 South Africa
 - 9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions

10.5 Other Key Strategies

11 COMPANY PROFILING

11.1 Lacework

11.2 Fugue

11.3 Prisma Cloud

11.4 Trend Micro

11.5 Check Point

11.6 Orca Security

11.7 CrowdStrike

11.8 ZScaler

11.9 CloudCheckr

11.10 SentinelOne

11.11 Microsoft Defender for Cloud

11.12 Wiz

11.13 Uptycs

11.14 Datadog

11.15 Aqua Security

List Of Tables

LIST OF TABLES

Table 1 Global Cloud Security Posture Management (CSPM) Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Cloud Security Posture Management (CSPM) Market Outlook, By Component (2024-2032) (\$MN)

Table 3 Global Cloud Security Posture Management (CSPM) Market Outlook, By Solutions (2024-2032) (\$MN)

Table 4 Global Cloud Security Posture Management (CSPM) Market Outlook, By Services (2024-2032) (\$MN)

Table 5 Global Cloud Security Posture Management (CSPM) Market Outlook, By Deployment (2024-2032) (\$MN)

Table 6 Global Cloud Security Posture Management (CSPM) Market Outlook, By Public Cloud (2024-2032) (\$MN)

Table 7 Global Cloud Security Posture Management (CSPM) Market Outlook, By Private Cloud (2024-2032) (\$MN)

Table 8 Global Cloud Security Posture Management (CSPM) Market Outlook, By Hybrid Cloud (2024-2032) (\$MN)

Table 9 Global Cloud Security Posture Management (CSPM) Market Outlook, By Enterprise Size (2024-2032) (\$MN)

Table 10 Global Cloud Security Posture Management (CSPM) Market Outlook, By Small & Medium Enterprises (SMEs) (2024-2032) (\$MN)

Table 11 Global Cloud Security Posture Management (CSPM) Market Outlook, By Large Enterprises (2024-2032) (\$MN)

Table 12 Global Cloud Security Posture Management (CSPM) Market Outlook, By End User (2024-2032) (\$MN)

Table 13 Global Cloud Security Posture Management (CSPM) Market Outlook, By BFSI (Banking, Financial Services, Insurance) (2024-2032) (\$MN)

Table 14 Global Cloud Security Posture Management (CSPM) Market Outlook, By Healthcare & Life Sciences (2024-2032) (\$MN)

Table 15 Global Cloud Security Posture Management (CSPM) Market Outlook, By Retail & E-commerce (2024-2032) (\$MN)

Table 16 Global Cloud Security Posture Management (CSPM) Market Outlook, By IT & Telecom (2024-2032) (\$MN)

Table 17 Global Cloud Security Posture Management (CSPM) Market Outlook, By Government & Defense (2024-2032) (\$MN)

Table 18 Global Cloud Security Posture Management (CSPM) Market Outlook, By

Energy & Utilities (2024-2032) (\$MN)

Table 19 Global Cloud Security Posture Management (CSPM) Market Outlook, By Manufacturing & Industrial (2024-2032) (\$MN)

Table 20 Global Cloud Security Posture Management (CSPM) Market Outlook, By Education & Research (2024-2032) (\$MN)

Table 21 Global Cloud Security Posture Management (CSPM) Market Outlook, By Media & Entertainment (2024-2032) (\$MN)

Table 22 Global Cloud Security Posture Management (CSPM) Market Outlook, By Transportation & Logistics (2024-2032) (\$MN)

Table 23 Global Cloud Security Posture Management (CSPM) Market Outlook, By Agriculture & Food Processing (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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