Check Point Cloud Security Report 2025

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2025
CLOUD SECURITY REPORT
CISO Priorities for Securing the Modern Cloud

Research by
Cybersecurity
INSIDERS

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Introduction

As hybrid cloud environments evolve, so does the complexity in managing and securing the modern IT estate. Security professionals are working with fragmented environments, inconsistent controls, and expanding attack surfaces. Our Cloud Security Report is based on a survey of over 900 CISOs, cyber security professionals, and IT decision-makers.

Here's a snapshot of the opportunities and challenges facing cloud security leaders.

AI Adoption Growing, But Confidence is Still Low

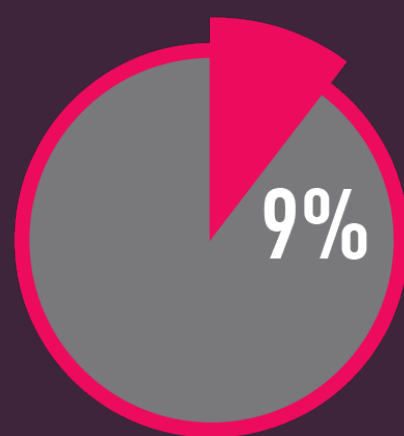**68%**

AI is now a top or high priority for 68%

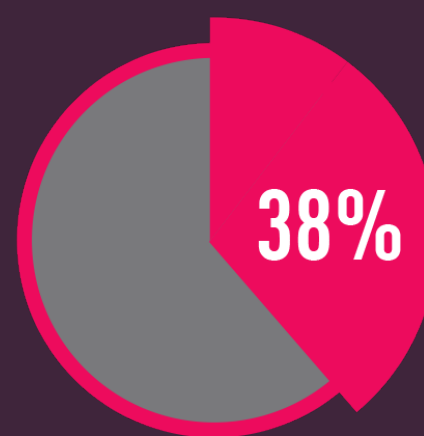**3 in 4** respondents lack confidence in defending against AI-powered attacks

56%

56% cite integration issues with existing infrastructure as their top challenge

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Slow Threat Detection & Response Remains a Challenge

65% experienced a cloud-related incident in the past year

9%

38%

50+%

Only 9% detected within 1 hour

38% of organizations take more than 24 hours to detect an incident
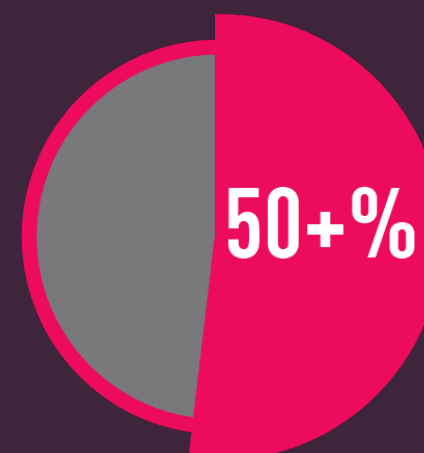
More than half take more than 24 hours to remediate

Majority of threats are discovered by users, audits, or third parties

Only 35% of incidents detected by security tools

Tool Sprawl is Real

71% use 10+ cloud security tools

45% receive 500+ alerts daily

Tool sprawl and alert overload leads to slow response, burnout, and missed threats

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3 Keys to Cloud Security Success

Prioritize automated, AI-based prevention and detection

Invest in unified, intelligent architecture that consolidates enforcement across layers and environments without relying on many disconnected point products or siloed teams

Reduce alerts and optimize SOC efficiency through tool consolidation and a focus on security that detects and prevents threats

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