

Cloud Adoption is Growing — So are Threats

Is Your Security Team Ready?

Escalating Risks

Organizations worldwide are struggling with preventable errors, evolving threats, skills gaps and costly breaches in the cloud.

5.17 million

Cloud breaches cost an average **\$5.17 million per incident**, pointing to the steep financial stakes.

(Source: IBM 2024)

70% of cloud breaches are caused by **misconfigurations**, the leading root cause.

70%

(Source: 2024 ISC2 Cloud Security Report)

88%

88% of breaches globally are attributed to **human error**, including phishing and social engineering attacks.

(Source: 2024 ISC2 Cloud Security Report)

Multicloud Complexities

Cloud environments are becoming increasingly difficult to secure due to integration issues and expanding attack surfaces.

96%

of organizations express **concern about public cloud security**.

(Source: 2024 ISC2 Cloud Security Report)

55% of organizations identify **securing multicloud** environments as a **major challenge**

55%

(Source: 2024 ISC2 Cloud Security Report)

47%

of enterprise cloud data is **classified as sensitive**, yet less than **10%** of organizations encrypt more than **80%**.

(Source: 2024 Thales Cloud Security Study)

Targets of Attacks in 2024

31%

SaaS Applications

Cloud Storage

30%

26%

Cloud Management Infrastructure

72% target underlying infrastructure vulnerabilities.

72%

(Source: 2024 Thales Cloud Security Study)

Global Cloud Security Statistics

United States

- Nearly **half (47%)** of all corporate data stored in the cloud is classified as sensitive.

- 44% of organizations** reported a cloud data breach, with **14% occurring in the past 12 months**.

(Source: 2024 Thales Cloud Security Study)

United Kingdom

- UK businesses experienced approximately **7.78 million cyber crimes** of all types in the last 12 months, highlighting the critical importance of robust cloud security measures.

(Source: gov.uk)

Canada

- The Canadian cloud security market is projected to grow from USD 90.18 million in 2025 to USD 220.20 million by 2029, reflecting a CAGR of 25.00%.

(Source: Statista)

Germany

- Germany's **cybersecurity market** is expanding rapidly, with key areas driving growth including cloud security, network protection, and endpoint security solutions.
- Businesses are facing increasing risks as **hack-and-leak attacks** and **cloud-related threats** concern **16% of companies**.

(Source: Nucamp)

India

- Gartner forecasts** that by **2026, 75%** of organizations will utilize cloud as the **foundational platform** for their digital transformation initiatives.

Cloud Security Strategies

Organizations must prioritize expertise and proactive measures to secure cloud operations.

Embrace Continuous Monitoring

Adopt real-time monitoring tools to promptly detect and respond to threats.

Enhance Data Protection

Use encryption, access controls and data loss prevention techniques to safeguard sensitive information.

Invest in Training and Certification

Organizations with certified cloud security professionals report 70% fewer cloud-related incidents within six months. (Source: 2024 ISC2 Cloud Security Report)

Adopt a Zero Trust Model

Assume no entity is trusted by default, from inside or outside the network. Require verification to access resources in your network.

Streamline with CSPM

Leverage cloud security posture management (CSPM) tools to automate identification and remediation of risks across cloud platforms.

Implement IAM

Put identity and access management (IAM) in place to help ensure only authorized users can access data or systems.

Plan for Incident Response

Develop and regularly update an incident response plan tailored to cloud-specific scenarios to help ensure your team can act swiftly and effectively in the event of a security breach.

Learn how ISC2 and Certified Cloud Security Professional (CCSP) certification can help fortify your organization's cloud security posture.

Download [The Ultimate Guide to the CCSP](#).

Team Training Solutions

Count on ISC2 as your one-stop source to build your organization's strongest cloud security team. We're ready to partner with you for CCSP enterprise training solutions tailored to your budget and schedule.

Flexible, results-driven options include:

- In-Person Bootcamp** – Private in-person team training delivers a shared vernacular and understanding to align on strategies that address organizational challenges.
- Online Bootcamp** – Live virtual learning guided by a CCSP Authorized Instructor accelerates learning for fast results.
- Online Self-Paced Training** – Adaptive training customizes each person's learning journey, identifying areas that require additional focus for a personalized experience.

We are ready to work for you.
[Connect with us today.](#)

Questions? Please contact: teamtraining@isc2.org