

SOLUTION BRIEF

Taos Cloud Security Assessment

A Taos Cloud Advisory Service

taos
an IBM Company



Cloud security remains a top priority of virtually every company. As more critical workloads are transitioned into public or hybrid cloud environments, the business risk increases and requires continual enhancements to people, processes and tools to support security compliance measures.

The cloud has clear benefits but brings unique security challenges:

- Multi-cloud increases complexity and risks of security gaps
- Established security measures can fall behind cutting edge cloud tools
- Cloud misconfiguration is a leading vector of attack
- Increased organizational risks from regulatory and compliance requirements
- Greater risk from remote endpoints and multiple points of entry

This brings new challenges to already struggling security and infrastructure teams.

- Lack of skillsets or expertise in both security and cloud management lead to unrecognized security weaknesses.
- Organizations don't know if existing controls for on-premises systems have equivalence in cloud environment.
- Businesses struggle to align with growing security compliance and regulation requirements while decreasing risk exposure.
- A lack of security involvement from the start with engineering processes can mean potential weaknesses in the environment.
- Missing governance over cloud usage and security review can lead to more shadow IT.



Security Breach Costs

The average total cost of a data breach increased by nearly 10% year over year from 2020 to 2021

Lost business represented 38% of the overall average, including:

- Higher customer turnover
- Lost revenue from system downtime
- Increased cost to acquire new business with tarnished reputation

On average, it takes **287 days** to identify and contain a data breach—the longer to identify, the more costly the breach

- IBM Cost of a Data Breach Report, 2021

Taos can help you establish best patterns for a robust cloud security posture—for any cloud model.



Security supports the mission of the organization



Security policies are an integral part of sound management



Security measures are commensurate with risk



Governance and protections are assessed and monitored regularly



Security procedures are comprehensive and integrated



Roles and responsibilities are explicitly defined

Taos Cloud Security Assessment allows us to understand your cloud environment's security maturity through a 4-6 week engagement.



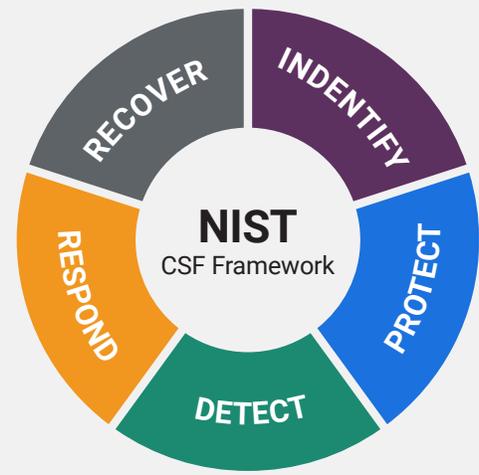
Taos experts use automated tooling and deep expertise to review and assess your security posture and security maturity level of your cloud real estate, from single platform to hybrid to multi-cloud environments.



Maturity is measured against five functional areas identified by the National Institute of Standards and Technology (NIST) for Security.



We then provide recommendations of areas for improvement in a roadmap for the next 12 months to help you prioritize security efforts.



Flexible Assessment Capabilities

- Any public or private cloud platform
- Single, hybrid or multi-cloud strategies
- Optimize a single cloud environment or engage for a multi-cloud analysis

Speed to Execution

- Short duration project with high value outcomes
- Quickly build consensus across stakeholders

Deep Expertise and Hands-on Approach

- Leverage our extensive knowledge and practical experience in effective security improvements
- 360° Feedback and interaction with your stakeholders

Aligned to Business Objectives

- Integrates automation with Taos expertise to ensure cloud security practices meet the needs of the business
- Guidance based on unique requirements, environment and business goals

Outcomes with the Taos Cloud Security Assessment

- Reveal gaps and areas of weakness, and adopt corrective measures to reduce risk from security breaches
- Get tailored recommendations for improvement and streamline execution so you can focus on innovation
- Identify challenges to improving security posture and remove roadblocks
- Maximize investment with actionable workstreams for tactical and strategic organizational wins
- Ensure infrastructure security governance to increase compliance with regulations
- Build momentum to accelerate attack prevention and risk mitigation

What's Next?

Taos can help you **move from assessment and understanding to action and execution** with our services.

Cloud Security Foundation and Remediation

Cloud Security Modernization with Professional Services

DevSecOps Optimization with Managed Services

About Taos

We partner with large and mid-sized enterprises to overcome their biggest Cloud and DevOps challenges

30+ Years of Experience

Founded in Silicon Valley in 1989, with emerging technology at our core since day one.

Top 16 Global Leader

Recognized by Gartner® among top 16 in the Public Cloud IT Transformation Magic Quadrant™

Agnostic Solutions Delivery

Relentless focus on the customer, using the best available technology platforms.

600+ Technologists

100% North American talent, vetted through our proprietary Taos TIV™ process

3000+ Customers

A diverse set of satisfied customers across verticals with an average NPS score of 82+ and average tenure of 9 years.