

Cloud Security Penetration Testing

KEY BENEFITS



Discover gaps and links between cloud vulnerabilities and other elements of the security environment.



Understand the root causes of vulnerabilities, with recommendations and analysis that go far beyond a checklist of issues.



Identify where investments in cloud security resources and infrastructure will be most effective for long-term resiliency and risk mitigation.

YOUR CHALLENGE

With the rapid adoption of the cloud and the attendant security threats, your organization needs to understand traditional security penetration testing in the context of cloud security. Your internal team may have some combination of these skills that enables them to identify individual vulnerabilities. However, they are at risk of not understanding how determined adversaries exploit cloud-based vulnerabilities to gain access to organizations' closely guarded secrets.

OUR SOLUTION: CAPABILITIES OVERVIEW

To meet this challenge, we have paired our offensive background of red team and web application assessment engagements with our additional experience building out both cloud security and cloud infrastructure at scale. Praetorian's cloud security experts excel at uncovering the links between seemingly independent attack vectors and exploiting them to **emulate a determined adversary**. They are experienced in finding and remediating access chaining in cloud environments, understanding the scope of misconfigurations, and identifying other unique threats inherent to the cloud.

Our security engineers also understand the specific business risks each of our clients faces and dig into the **business risk potential** of every vulnerability they find. By combining unique vectors we identify from the cloud with traditional offensive security we are able to thoroughly test the client's entire cloud environment. We look for network, infrastructure, or web application paths to achieve privileged cloud access that allows us to achieve our goals.

WHY PRAETORIAN

Praetorian brings over a decade of experience in conducting penetration testing engagements, and the resulting adversarial perspective underpins everything we do. Our highly technical cloud security engineers set our cloud security services apart from fully automated or commercial tool-dependent competitors. They combine our offensive security DNA with our deep cloud expertise to deliver a Risk Informed Security Assessment with an emphasis on cloud attack vectors. We focus on our clients' specific needs and cloud environments to help them achieve their goals and securely realize the benefits of cloud at scale.

WHO NEEDS THIS SERVICE

- **Organizations** that are interested in identifying and improving weak links or gaps in their cloud security posture.
- **Companies** who are new to cloud and want to understand how an attacker may view their cloud environment.
- **Compliance Teams** in need of validation or annual review to meet industry standards.
- **Security Teams** looking for confidence in a newly implemented system and its defenses before an important launch date.

WORKFLOW



DELIVERABLES



ABOUT PRAETORIAN