

Securing Non-Human Identities (NHI)

Discover and manage all principles in modern cloud environments

As organizations accelerate their adoption of cloud services and AI-driven automation, the number of Non-Human Identities (NHIs)—such as service accounts, API keys, IAM roles, secrets, and machine credentials—has exploded, often outnumbering human identities by 40:1 or more. These NHIs operate at a breakneck speed across highly dynamic, distributed hybrid environments, making them difficult to track, manage, and secure. Without proper visibility and control, they often become over-privileged, unmonitored, and vulnerable to misuse or compromise.

Traditional identity and access management (IAM) solutions struggle to keep pace with the scale and complexity of Non-Human Identities. Even as organizations get a better line of sight into NHI, they struggle to effectively and securely manage NHI access privileges without potentially harming the business. These issues are especially true in time-critical development and production environments where customers typically struggle with:

- Lack of centralized visibility and access management for all identities
- Rampant over-privilege of human as well as non-human identities
- An expanding attack surface that parallelizes security

NHIs by the Numbers

60%
of machine identities are over-permissioned¹

62%
of cloud breaches include Service accounts²

171,000
Secrets Discovered across SaaS and GenAI Applications³

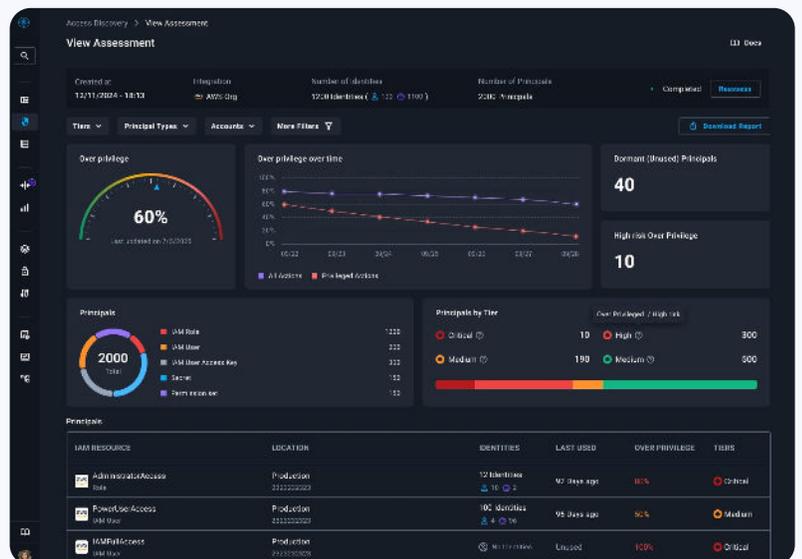
Apono Enables Customers To:

 Gain control over all digital identities and access privileges for both human and non-human

 Connect NHIs to human owners to clarify accountability and resolve issues faster

 Reduce the attack surface by quarantining, right-sizing, and removing unused permissions.

 Risk-based prioritization and actionable remediation guidance



Taming NHIs with Just-in-Time Precision

Apono's Cloud Access Management platform empowers teams to enforce Just Enough and Just-in-Time (JIT) access for both human and non-human identities (NHIs), eliminating standing privileges while streamlining operations. With continuous discovery of access risks and usage context, Apono intelligently adapts permissions through dynamic policies that ensure secure, uninterrupted access to critical resources. Designed for scale, the platform delivers deep visibility and automation, allowing security and DevOps teams to manage granular access controls efficiently, without the complexity or manual overhead that typically slows innovation.

Easy Quarantine of Risky NHIs

Apono empowers customers to eliminate dormant and zombie NHIs through streamlined recommendations to remove their risky access without navigating across multiple tools or breaking your CI/CD workflows. With Apono, customers can confidently take action to remove privileges without risk. It's a fast, frictionless way to reduce attack surface, cut admin overhead, and score a meaningful security win.

Apono Brings Value to Customers



Cross-Environment Visibility

Gain complete visibility into all human and Non-Human Identities across cloud providers, databases, CI/CD pipelines, and more.



Reduce Blast Radius

Minimize breach impact by eliminating excessive privileges and containing potential lateral movement.



Contextual & Prioritized Risk

Identify and prioritize risky access with contextual insights into how privileges are used, boosting security and operational efficiency.



Continuously Enforce Least Privilege

Right-sized access is maintained continuously with usage-based insights to ensure least privilege.



Centralized Management

Manage access policies for human and Non-Human Identities from a single, unified platform.



Streamline Auditing & Reporting

Track and log every access request to simplify compliance audits and reduce reporting burdens.



Support NHI Access Life-Cycle

Quarantine unknown or dormant principals and elevate permissions to revive.



Evaluate and Manage Identity Risk

Automate recommendations and see the improvement in my environment over time.

1. Gartner Identity Governance Research, 2023 2. Palo Alto Networks Unit 42 Cloud Threat Report, 2024 3. Nightfall AI's 2024 State of Secrets Report

About Apono

Founded in 2022 by Rom Carmel and Ofir Stein, Apono is redefining cloud security with its Cloud Privileged Access Platform. With decades of expertise in cybersecurity and DevOps, Apono enables organizations to adopt just-in-time, just-enough privilege access, seamlessly bridging the gap between security and engineering teams. Trusted by Fortune 500 companies, Apono's platform empowers enterprises to enhance operational efficiency while maintaining robust security controls. Recognized in Gartner's Magic Quadrant for Privileged Access Management for two consecutive years, Apono is at the forefront of innovation in secure cloud access management. © 2025 Apono Inc; All rights reserved.

APONO

-  www.apono.io
-  [@Apono_official](https://twitter.com/Apono_official)
-  [@aponoio](https://www.linkedin.com/company/aponoio)