

## Apono and Check Point Harmony SASE: Powering True Zero Trust with ZSP

### Insights - The Problem

#### True Zero Trust Requires Both SASE and Zero Standing Privileges (ZSP)

Secure Access Service Edge (SASE) provides policy-driven connectivity and granular access control, ensuring users can safely connect to applications and resources. However, to fully realize the vision of Zero Trust, organizations also need dynamic identity governance that eliminates standing access and enforces Zero Standing Privileges (ZSP). Together, these capabilities ensure users receive only the exact access and permissions they need, only when they need them, dramatically reducing the attack surface

#### Extending the Agility and Security of Harmony SASE

Harmony SASE provides robust access controls, and when integrated with Apono it's extended with real-time, context-rich identity provisioning that further strengthens the security posture. Together, Harmony SASE and Apono create a true Zero Trust environment by enabling Just-in-Time (JIT) access flows through Harmony SASE to your corporate resources. This allows organizations to grant temporary, policy-driven access to Harmony SASE groups instantly - without waiting on traditional identity sync processes. The result is strict least-privilege enforcement with the agility to respond to urgent scenarios, such as incident response. Traditional SCIM-based synchronization can introduce delays of 30-60 minutes, but Harmony SASE + Apono together eliminate that gap with instant, policy-driven access.

## Better Together: Enabling Real-Time Identity Provisioning for Harmony SASE with Apono

Apono enhances Harmony SASE's capabilities by adding ZSP, together delivering the industry's first fully automated Just-in-Time (JIT) network-based access solution.

Implementing Zero Standing Privileges (ZSP) is essential for managing least-privilege, real-time, context-based access through a SASE solution - a top priority for security teams protecting internal resources, cloud applications, infrastructure, and data. This challenge is heightened when rapid access is needed for incident response or temporary project-based work, making ZSP critical for minimizing risk while maintaining agility.

The integration of Apono with Check Point Harmony SASE addresses this challenge by enabling JIT access through dynamic, context-based policies with real-time identity provisioning, reducing risk and eliminating standing access.

Together, Apono and Harmony SASE deliver a fully automated Just-in-Time Access provisioning solution. Users can submit self-service requests and be automatically added to the Harmony SASE groups required for their tasks - within a predetermined time window and in accordance with company policies.

Access can be revoked manually by the user, an admin, or manager, or automatically by Apono when the time window expires. Users are removed from Harmony groups as soon as access is no longer required, eliminating standing access and strengthening overall security. By ensuring access is granted only on-demand and for exactly the time needed, JIT reduces risk while enabling organizations to operate with greater speed and agility.

## Surgical Access Control for Harmony SASE

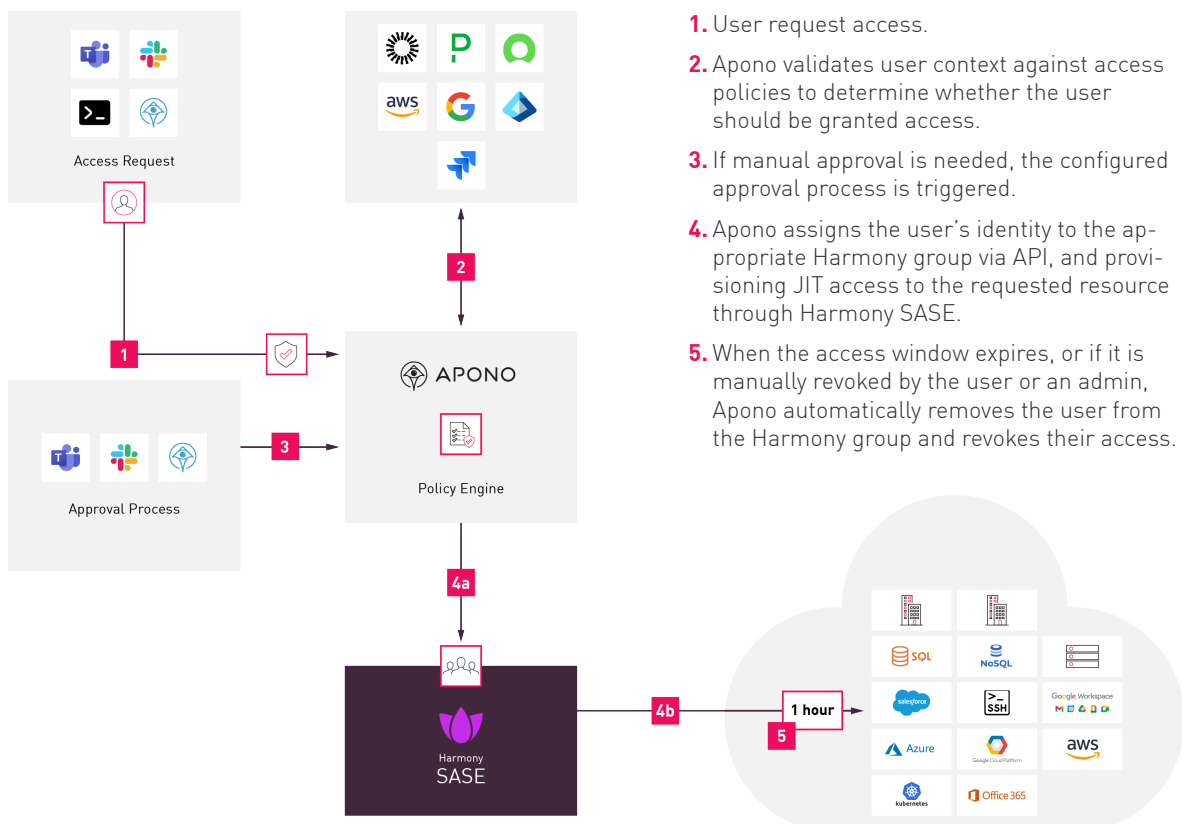
Apono's integration enhances Harmony SASE with high-granularity identity provisioning and governance:

- **Just-in-Time (JIT) flexible access flows** - temporary or permanent, self-serve or approver-based - driven by context and policy, with real-time provisioning and deprovisioning of identities to and from Harmony SASE groups.
- **Seamless alignment** with Apono access bundles, scopes, and policy logic for consistent access management and governance.
- **Direct API integration** ensures streamlined, real-time updates from IdP groups to Harmony SASE groups.
- **Least privilege control** - provision access only to the necessary Harmony group upon request, continuously monitor and rightsize user access by recommending your admin remove users' IDP group memberships when access hasn't been requested for a defined period.

In addition, Apono significantly enhances visibility and contextual awareness for conditional, policy-driven access provisioning. By integrating with a wide range of IdPs, DevOps, cloud, ITSM, and incident response tools, Apono aggregates insights and contextual signals from across customer environments - enabling dynamic, real-time enforcement of access policies tailored to specific conditions.

For instance, when a developer on duty acknowledges an incident ticket from PagerDuty, Apono can automatically and temporarily elevate their privileges. This real-time provisioning grants immediate access to Harmony SASE, empowering the developer to quickly address and resolve the issue - bypassing the delays of manual approval processes.

## Harmony SASE & ZSP: Access Workflow



## Speed, Control, and Zero Trust at Scale

With Harmony SASE and Apono, organizations gain:

- **Instant, secure access** in time-sensitive scenarios.
- **Reduced operational overhead** through automated, auditable workflows.
- **Policy-driven control** for temporary or time-bound access that auto-expires.
- **Cross-functional enablement** so DevOps, IT, sales, and contractors all get secure, JIT access without bottlenecks.

## Solution benefits

- Instantly provision granular, time-bound, policy-driven Just-in-Time (JIT) access to resources via Harmony SASE.
- Reduce standing privileges and enforce least privilege access across cloud applications, internal applications, internal resources, infrastructure and on-prem environments to strengthen your security posture.
- Eliminate manual intervention by automating access flows aligned with your organization's business policies and operational needs.
- Gain complete visibility, auditability, and anomaly detection for access requests.

## Benefits | Impact

- **JIT Access** - Gain secure, real-time access to Harmony SASE with just-in-time identity provisioning, eliminating standing privileges and reducing the attack surface.
- **Improved Agility** - Empower teams to move faster without compromising access security or control.
- **Policy Management** - Streamline policy management by automating access controls that align precisely with your organization's security requirements, business goals, and needs.
- **Expedited Incident Response** - On-call and on-shift teams gain instant access without relying on IDP sync delays in urgent access scenarios.
- **Stronger Compliance** - All access requests are temporary, policy-governed, and fully auditable.
- **Least Privilege** - Provision access only to the necessary Harmony group upon request.
- **Enforce Rightsizing** - Identify users who haven't followed specific workflows and right-size their access to ensure they have only the access permissions they need.
- **Anomaly Detection** - Enhance security with anomaly detection that identifies and responds to unusual access patterns in real time.

## About Check Point Software Technologies Ltd.

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)) is a leading protector of digital trust, utilizing AI-powered cyber security solutions to safeguard over 100,000 organizations globally. Through its Infinity Platform and an open garden ecosystem, Check Point's prevention-first approach delivers industry-leading security efficacy while reducing risk. Employing a hybrid mesh network architecture with SASE at its core, the Infinity Platform unifies the management of on-premises, cloud, and workspace environments to offer flexibility, simplicity and scale for enterprises and service providers.

## About Apono

Apono is a cloud-native privileged access management platform that delivers just-in-time (JIT) and just-enough privilege access in cloud environments. It helps customers achieve Zero Standing Privileges (ZSP) by bridging the operational - security gap through automated access provisioning and deprovisioning, enforcing dynamic, rich-context access policies, incorporating real-time context from dozens of integrations, and enabling seamless governance of access rights. In the first month of implementation, customers typically see a 90%+ reduction in overprivileged and unused access, while also significantly reducing the operational burden of manual access provisioning.

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