WIZ + aembit

Executive summary of the integration

Aembit is a IAM platform that secures access between non-human identities. Aembit enables enterprises to scale, automate, and secure access policies across hybrid and multi-cloud environments. Aembit leverages Wiz's cloud security insights to provide MFA-like access controls based on real-time risk assessments. This ensures that only authorized and secure workloads can communicate, reducing the attack surface while eliminating manual credential management.

Market challenge

Workloads, machine identities, and non-human identities (NHI) are far more common than human identities, yet the security mechanisms used to protect them lag behind their human counterparts. With the growing number of breaches tied to these identities, organizations are beginning to address these concerns across their applications regardless of where the application lives and what services they access.

Benefits of the integration

- **Enhance Security:** Implement centralized, granular access control based on predefined conditions, significantly reducing the risk of unauthorized access.
- **Automate Credential Management:** Move to just-in-time credential delivery, with no need for humans to touch sensitive machine credentials based on Wiz analysis.
- **Reduce Risk based on cloud context:** Dynamically adapt access based on real-time context from Wiz, mitigating the impact of potential security threats.
- **Improve Compliance:** Simplify compliance requirements by ensuring access adheres to specific regulations and policies.
- **Simplify Development:** Offload developers from creating or managing authentication.

The better together story

Imagine expanding Zero Trust principles used today for human identities to all of your non-human and workload identities. Secure application-to-application communication, where access is granted only to trusted entities. With Aembit and Wiz, this vision becomes a reality. Aembit provides a robust Workload Identity and Access Management (IAM) platform, ensuring secure access between workloads, machine identities, and non-human identities. Wiz offers unparalleled cloud security visibility and risk analysis for applications running in production cloud environments. Together, the integration creates a formidable defense to identify and then protect non-human identities and access.

Organizations can now provide no-code authentication to APIs and services from systems that are continuously monitored by Wiz, minimizing the attack surface, and significantly reducing the risk of breaches and data loss. With confidence in their workload security posture and centralized, policy-based access control, organizations can accelerate their cloud migration and innovation initiatives.

## Use case overview, challenge and solution

Today Organizations secure non-human identities with insecure, long-lived secrets and fragmented tools because they lack a centralized and identity-based method of authenticating access.. At the same time, organizations want to increase security while ensuring an excellent developer experience.

Challenge:

Services have limited API authentication and security mechanisms User Identity and Access Management (IAM) tools do not work effectively in non-human use cases due to technology stack, scale, and automation needs.

Solution:

Deploy a workload IAM tool that is specifically designed for authenticating API interactions across clouds, on-premise data centers, and clouds to your sensitive data and resources. Move from static, hard-coded credentials to identity-driven, policy based, and secretless access that is completely automated. Integrate with Wiz to ensure workload intelligence and security posture is used to drive conditional access decisions.
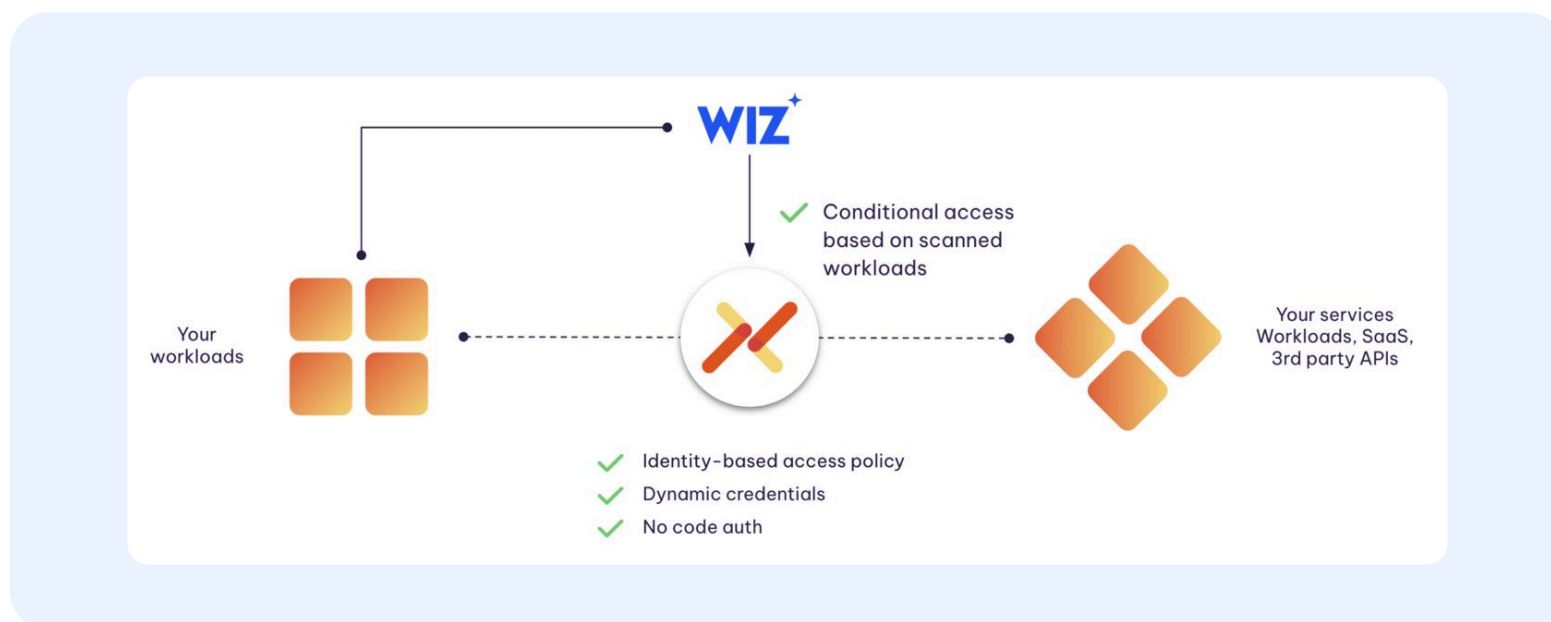
About Wiz

Wiz is on a mission to transform cloud security for customers – which include 35% of the Fortune 100 – by empowering them to embrace a new cloud operating model. Its Cloud Native Application Protection Platform (CNAPP) delivers full-stack visibility, accurate risk prioritization, and enhanced business agility. The result? More context with less noise, so that security teams can focus their time on what matters most.

About Aembit

Aembit is the non-human identity and access management platform that secures access between workloads across clouds, SaaS, and data centers. With Aembit's identity control plane, DevSecOps can fully automate secretless, policy-based, and Zero Trust workload access with MFA-strength capabilities.