WIZ^{*}

From CSPM to CNAPP: Defining a new operating model for cloud security

Yinon Costica Co-Founder and VP Product

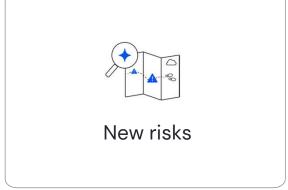
July 2023



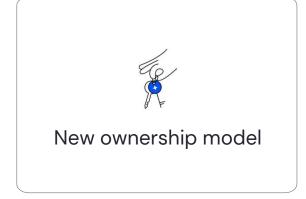
Cloud changes everything



How do I get visibility into my environment?

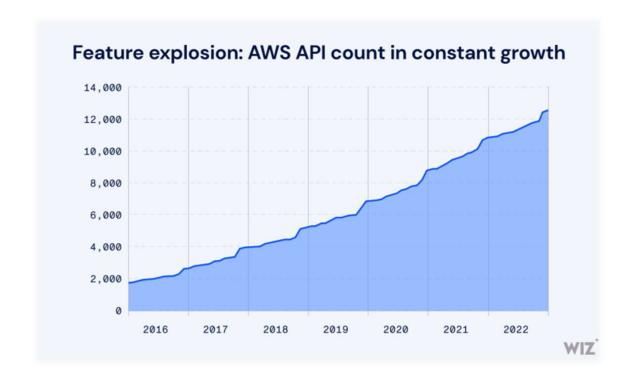


How do I prioritize the real risks and eliminate the noise?



How do I ingrain security into our teams?

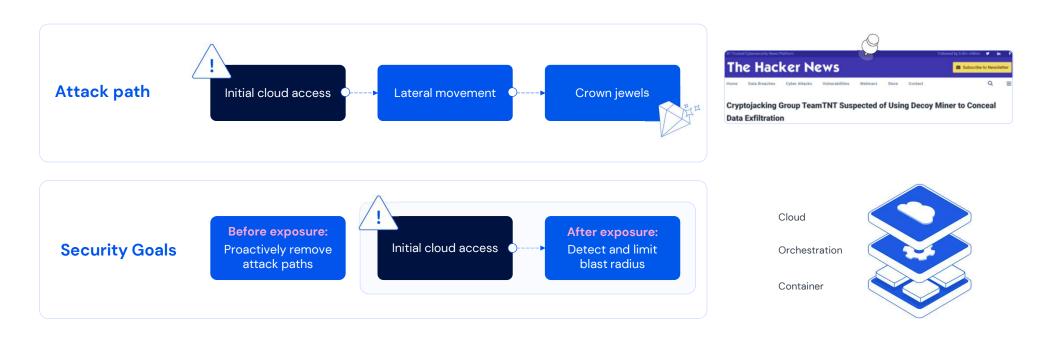
Agility introduces more attack surface



Multiple clouds, multiple architectures, multiple technologies

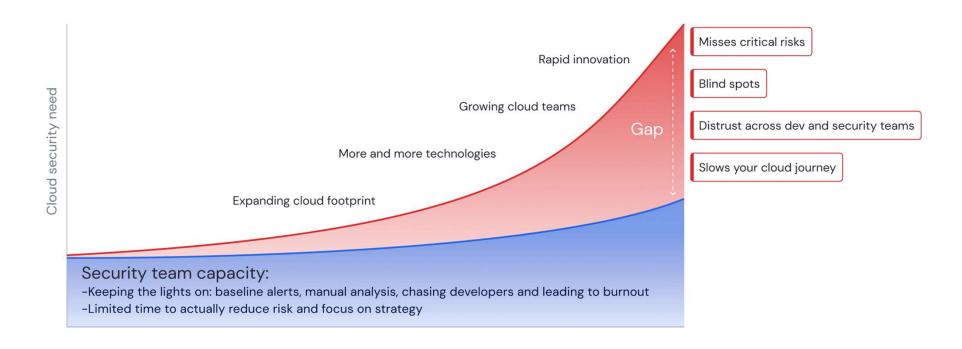


Cloud-native applications introduce unique attack vectors that are challenging to identify before and after exposure





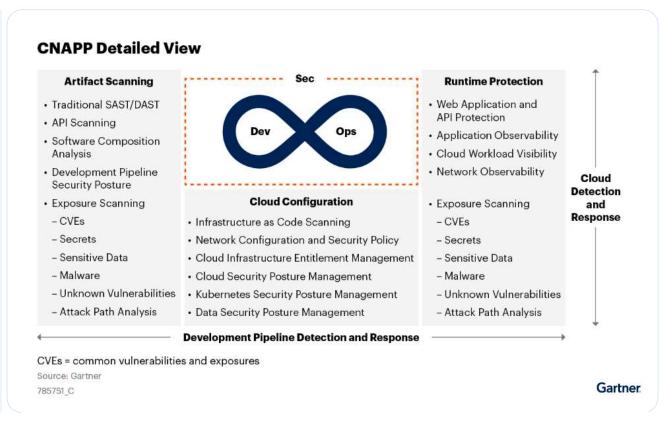
We can't keep doing the same thing, it's time to scale





Introducing CNAPP: The Cloud Native Application Protection Platform

"CNAPPs address the full life cycle protection requirements of cloud-native applications from development to production. Security and risk management leaders responsible for cloud security strategies should use this research to analyze and evaluate emerging CNAPP offerings".1



¹. Gartner, Market Guide for Cloud-Native Application Protection Platforms, Neil MacDonald, Charlie Winckless, Dale Koeppen, 14 March 2023. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

One unified platform for many cloud security use cases





CNAPP drives massive tool consolidation



By 2026, 80% of enterprises will have consolidated security tooling for the life cycle protection of cloud-native applications to three or fewer vendors, down from an average of 10 in 2022 (Gartner*)

Gartner, Market Guide for Cloud-Native Application Protection Platforms, Neil MacDonald, Charlie Winckless, Dale Koeppen, 14 March 2023.

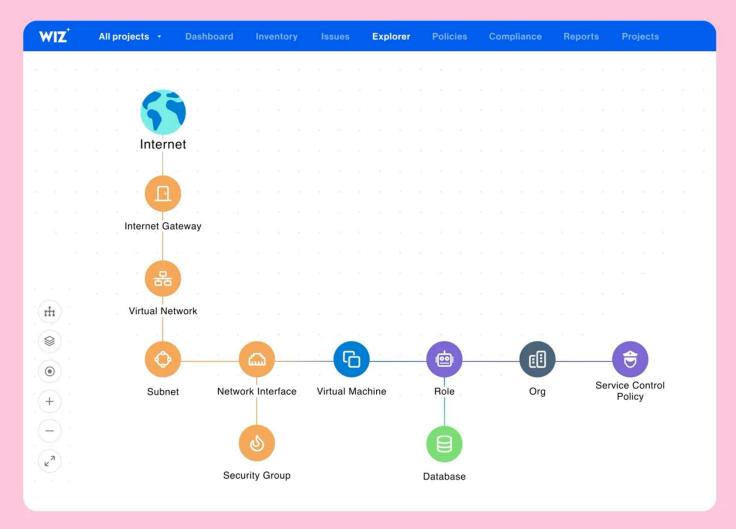
Scan your cloud without agents and build the graph

- Serverless
- Containers
- VMs
- PaaS

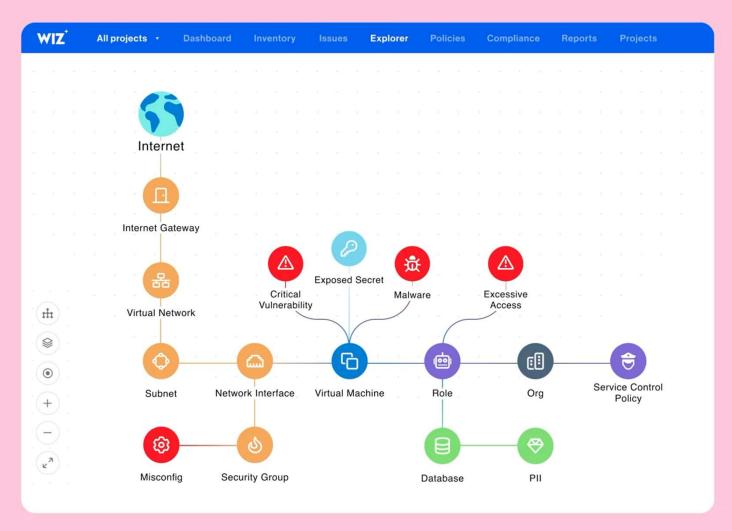


Identify risks

- Misconfigurations
- Vulnerabilities
- Malware
- Sensitive data
- External exposure
- Excessive permissions
- Exposed secrets
- Lateral movement
- Novel vulnerabilities and attacks
- Business impact



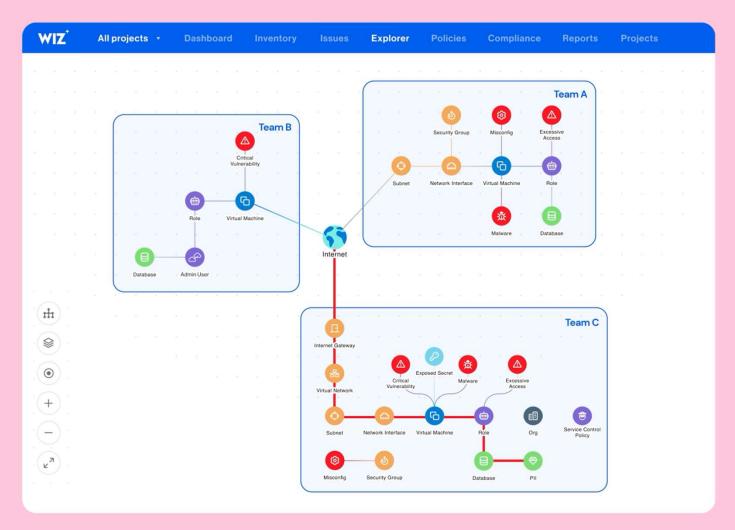
Prioritize attack paths



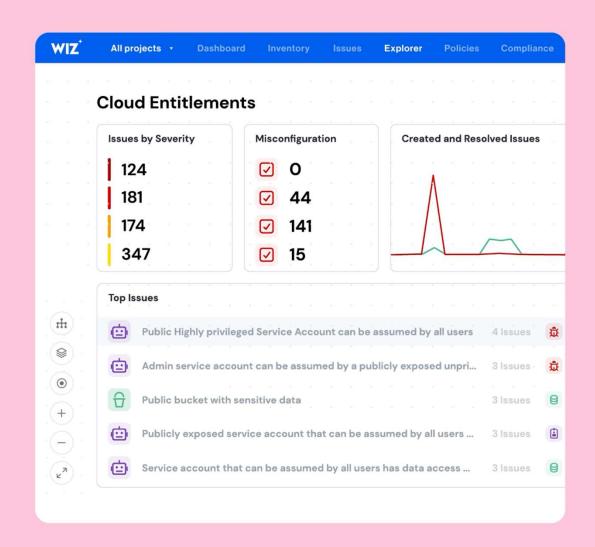
Determine ownership



Automate workflows to speed remediation



Shift left prevention

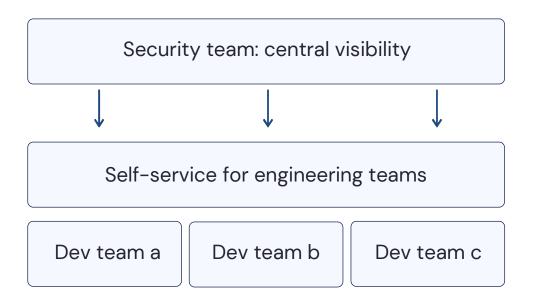


Team A

Team B

Team C

Cloud security is a team sport



FOX

"Wiz allows us to achieve our philosophy of how to democratize security – scaling the cybersecurity team's reach through technology."



Melody Hildebrandt CISO, FOX Corp

Read more on https://wiz.io/customers

How CNAPPs simplify cloud security

New environment



Unconditional visibility

Gain full visibility, without bothering anyone



Security baselines

Best practices are shared knowledge and available OOTB

New risks



Single policy

across the development lifecycle, clouds and architectures



Context matters

Identify toxic combinations across layers and scanners

New ownership model



Focus like a dev

Prioritize ruthlessly based on the risk to the business



Dev power

Democratize security and empower developers to remediate



The network effect: Out-of-the-box security baselines

2,000+

Cloud configuration rules

3,000+

Inventoried technologies

10,000+

Host configuration rules

130+

Mapped compliance standards

+008

Cloud event rules

80,000+

Vulnerabilities

100+

High-profile threat advisories

700+

Attack paths detections

100+

Partner integrations



Practical steps to safely transform to a cloud-first organization



Driving CNAPP to consolidate stack across security teams



Nurture a risk-based approach to prioritize risks for remediation



Democratize security to your development teams – make it a team sport

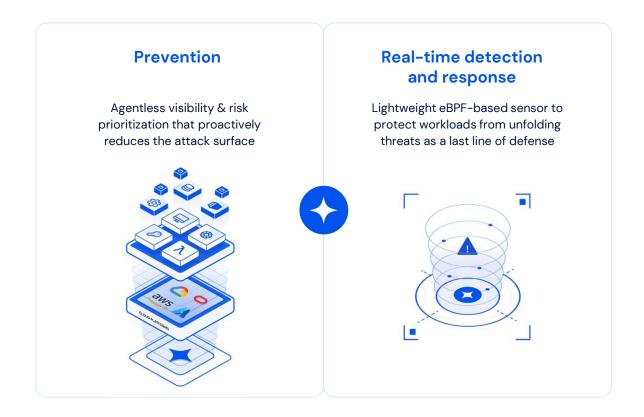


Organizations need a defense in depth strategy that starts with prevention and includes active detection and response as a last line of defense





Introducing the Wiz Runtime Sensor: Unified cloud security from prevention to real-time detection and response



How critical is this suspicious activity?



O1 Real time sensor detection

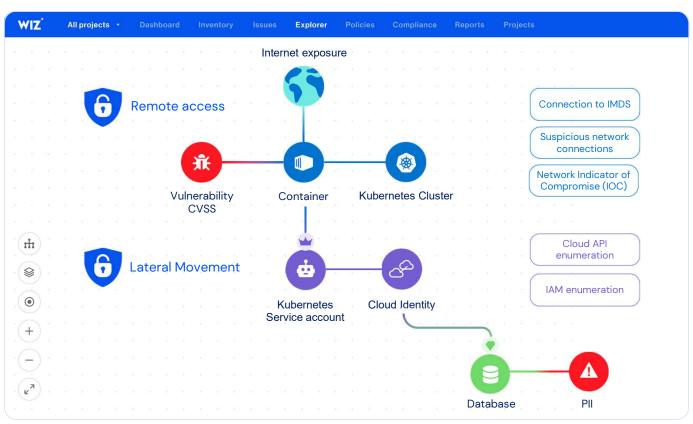
- Unknown and known threats
- Network activity
- Malicious behavior

O2 Cloud activity and audit logs

- Configuration changes
- Suspicious events
- · Identity activity

O3 Agentless risk context

- Cloud and workload context
- Attack path analysis
- · Potential blast radius



PyLoose: Python-based fileless malware targets cloud workloads to deliver cryptominer

PyLoose is a newly discovered Python-based fileless malware targeting cloud workloads. Get a breakdown of how the attack unfolds and the steps to mitigate it.





