

Palo Alto Networks and Cycode

Identify the Root Cause Line of Code for Palo Alto Networks Prisma Cloud Vulnerabilities

Benefits of the Integration

- Pull container image vulnerabilities from Prisma Cloud and correlate them into Cycode's platform.
- Identify the root cause or line of code that causes the vulnerability in Prisma Cloud.
- Leverage Cycode's remediation and ticketing integrations to build workflow-arounds for specific Prisma Cloud vulnerabilities.
- Prioritize Prisma Cloud vulnerabilities using Cycode's Risk Intelligence Graph (RIG) and complete application security platform.

The Challenge

In today's digital landscape, organizations are faced with an ever-growing array of security threats. With extremely complex environments across their code, builds, artifacts, cloud, and software development lifecycle (SDLC) tools, they need to employ a collaborative approach to application security to ensure ongoing security resilience. Together, Palo Alto Networks and Cycode help organizations deliver safe code faster by providing code-to-cloud traceability as well as cross-team collaboration with the Cycode ASPM platform.

The Solution

AppSec professionals must perform two important tasks: prioritize the most critical security issues and identify the right resources to fix vulnerabilities. A solution that delivers real-time visibility across all tools in your development environment can provide valuable context to prioritize vulnerabilities, determine the root cause line of code and the developer responsible for the fix—drastically reducing remediation cycles and improving your overall application security posture.

Cycode ASPM Platform

Cycode is a security-first, developer-friendly application security (AppSec) platform providing visibility, prioritization, and remediation for security, engineering, and DevOps teams. It enables organizations to develop secure applications faster without compromising application security. With built-in application security posture management (ASPM), security teams can eliminate context switching, amplify visibility, and ensure end-to-end coverage, leaving no room for attacks to go unnoticed.

With Cycode's flexible, open architecture, you can use Cycode-native scanners or your existing third-party tools. The Cycode platform is the industry's only complete ASPM, providing flexibility and long-term options for organizations building their own AppSec program. With Cycode, all your security data is available 24/7.

Palo Alto Networks Prisma Cloud

Prisma[®] Cloud is a Code to Cloud™ platform that delivers continuous visibility and full-lifecycle context for your cloud operations and teams. Our prevention-first model includes finding and fixing issues earlier in the application lifecycle to ship code faster and accelerate your business. The modular security choice in our platform meets customers where they are in their cloud journey, helping secure their business at any scale.

Palo Alto Networks and Cycode

The Prisma and Cycode joint solution helps companies add context to their cloud security platforms and unify the application and cloud security domains. This helps provide root cause context to runtime vulnerabilities and accelerates remediation of these issues. In addition, ingesting Prisma vulnerabilities into Cycode's RIG allows joint customers to correlate that data with their other cloud and application security tools and identify the most critical vulnerabilities for their teams to focus on fixing.

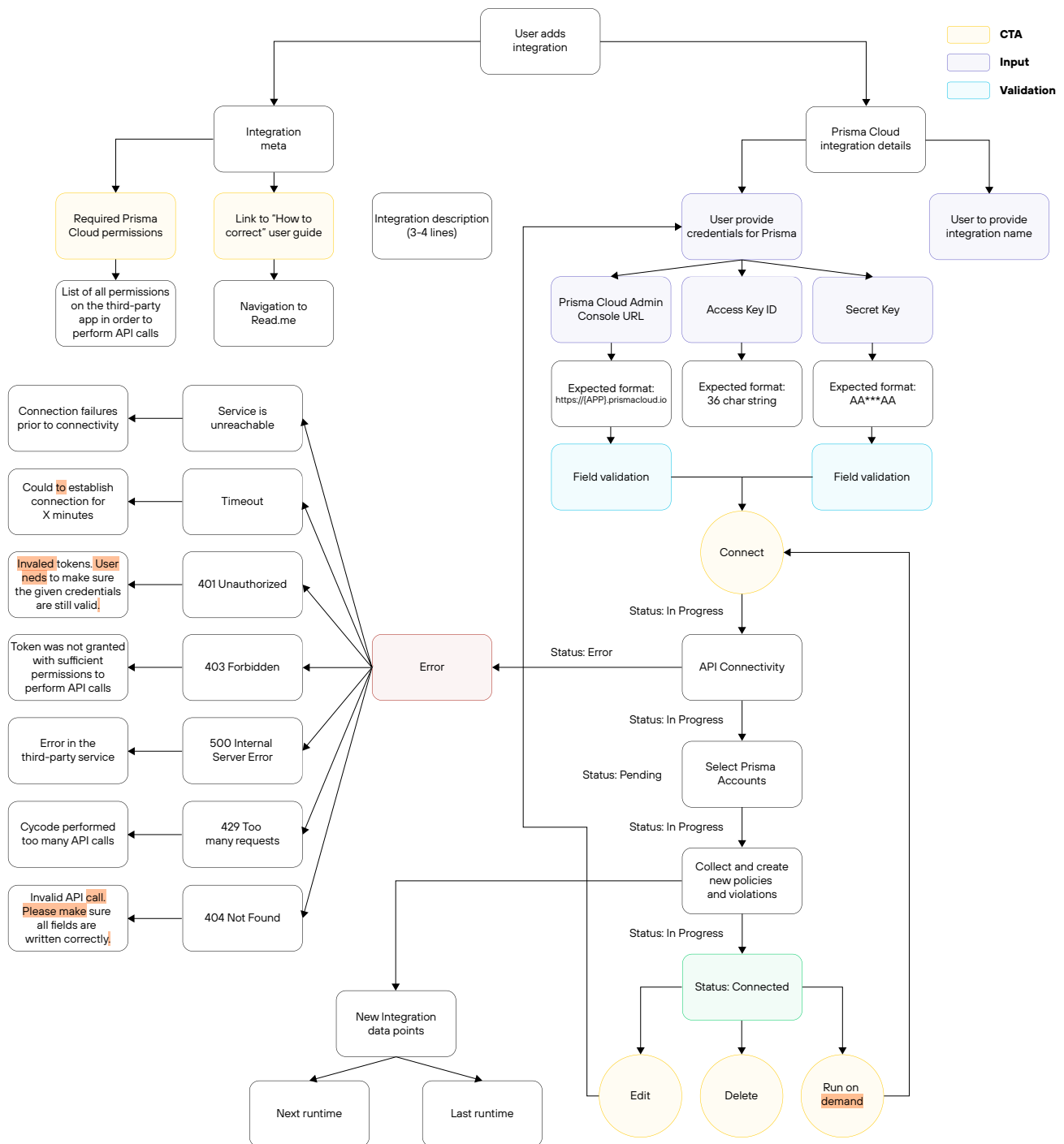


Figure 1: Cycode and Prisma Cloud workflow

Use Case 1: Unifying AppSec and Cloud Visibility

Challenge

The cloud security landscape is ever-changing with a growing volume of threats that are becoming more sophisticated. As organizations cope with this reality, the ability to gain visibility across your cloud environments and source code is crucial to enable your development teams to remediate application security vulnerabilities.

Solution

Leveraging Prisma Cloud's container scanning capabilities with Cycode's ASPM, container image vulnerabilities can be directly linked to the specific context of application code within Cycode, including crucial details such as the root cause of vulnerabilities, the specific repository they reside in, and the code owner responsible for their remediation.

Use Case 2: Prioritizing Vulnerabilities with Cyscale's Risk Intelligence Graph

Challenge

With the increasing complexity of modern production environments, prioritizing the most critical risks and fixing them fast is a formidable challenge. Organizations that are not equipped to identify and address vulnerabilities are unable to direct their attention and resources to the vulnerabilities that pose the greatest threat to the business.

Solution

The Cyscale and Prisma Cloud integration significantly streamlines the application risk prioritization process. In addition to identifying critical vulnerabilities with greater precision, you can also understand the broader context of how these vulnerabilities interact with your cloud environment. With Cyscale's deep integration into the DevOps environment, the ability to correlate application risk using their RIG and prioritize risk based on multiple factors allows AppSec teams to focus their resources on the most critical vulnerabilities.

About Cyscale

Founded in 2019, Cyscale enables companies to deliver safe code—faster. Our founders realized that too much burden is placed on developers when it comes to security. Cyscale delivers a complete application security posture management (ASPM) platform that can replace existing testing tools or integrate with them while providing visibility, prioritization, and remediation of vulnerabilities at scale.

About Palo Alto Networks

Palo Alto Networks is the world's cybersecurity leader. Our next-gen security solutions, expert services, and industry-leading threat intelligence empower organizations across every sector to transform with confidence. For more information, visit www.paloaltonetworks.com.



3000 Tannery Way
Santa Clara, CA 95054

Main: +1.408.753.4000

Sales: +1.866.320.4788

Support: +1.866.898.9087

www.paloaltonetworks.com

© 2024 Palo Alto Networks, Inc. A list of our trademarks in the United States and other jurisdictions can be found at <https://www.paloaltonetworks.com/company/trademarks.html>. All other marks mentioned herein may be trademarks of their respective companies.

parent_pb_cyscale_o82724