

Cloud Posture Dashboard - Feature Rationale, Prioritization & Success Metrics

Overview

Cloud security engineers operate in environments where dashboards surface thousands of misconfigurations, most labeled as high or critical. However, these dashboards often fail to convey which issues truly matter first in real-world terms. Engineers are forced to manually correlate severity, exposure, environment, and business impact across tools. This product focuses on reducing that cognitive load by helping engineers quickly understand what to fix first and why.

Proposed Features

Screen 1 acts as the decision entry point for the cloud security engineer. Instead of showing all findings, it surfaces only the most important risks using environment, exposure, and account context. This helps the user quickly answer the question: *“What needs attention right now?”* and avoid alert fatigue.

After identifying top risks, the user moves to the Screen 2 by clicking “View Detail”. Here, issues are ranked by real-world impact rather than technical severity alone. Each misconfiguration is explained in plain language with contextual tags, helping the engineer decide *what to fix first*.

The final screen supports execution. When the user selects a “Investigate”, they are shown why it matters, what could realistically go wrong, and what action is recommended. Clear next steps allow the engineer to remediate, accept the risk, or jump directly to the cloud console

Prioritization Approach

Prioritization is driven by real-world risk, not raw severity. Issues affecting publicly exposed production resources are ranked higher than similar findings in isolated or non-critical environments. By combining severity with exposure, environment, and blast radius, the system reflects operational risk as security teams experience it in practice.

Metrics

Metric Type	Metric Name	What It Measures	Formula
North Star Metric	Time to Remediate High Risk Misconfigurations	Whether the dashboard helps engineers act faster on what truly matters	Avg time between detection and remediation of top-risk misconfigurations
Business / Outcome Metric	Critical Risk Coverage	Measures how effectively real security risks are being addressed	$(\text{Resolved critical risks} / \text{Total detected critical risks}) * 100$

