JAMF NATION LIVE

starts at **14:00**

Risky Business:
Mobile App Security Unpacked

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I currently known about vulnerabilities on our mobile devices?

I currently have insights into mobile app risks in our organisation?

The Friday Afternoon Ping

“Are we affected by this?”

“How many devices?”

- Don’t know the CVE
- Manual search of device inventory
- No visibility of app permissions
- Can’t block or control the network

“What’s the main risk?”

“Can we take devices offline?”

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The gap between finding a threat and knowing your exposure, is the problem.

Incident

Detection

Days/Weeks

Weeks/Months

Securing

Reporting

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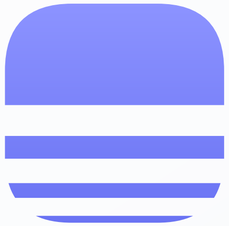
But wait….

what risks can a mobile app really present?



The App Itself

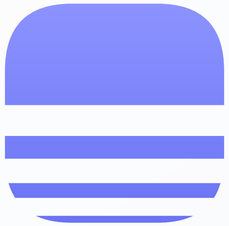
Code

Network Traffic

User Configurations

Permissions

Access



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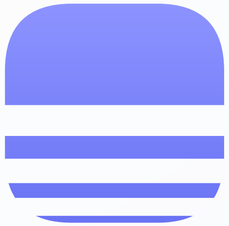


The App Itself

Code

Network Traffic

Vulnerabilities

Network Behaviour

Third-party Libraries

User Configurations

Permissions

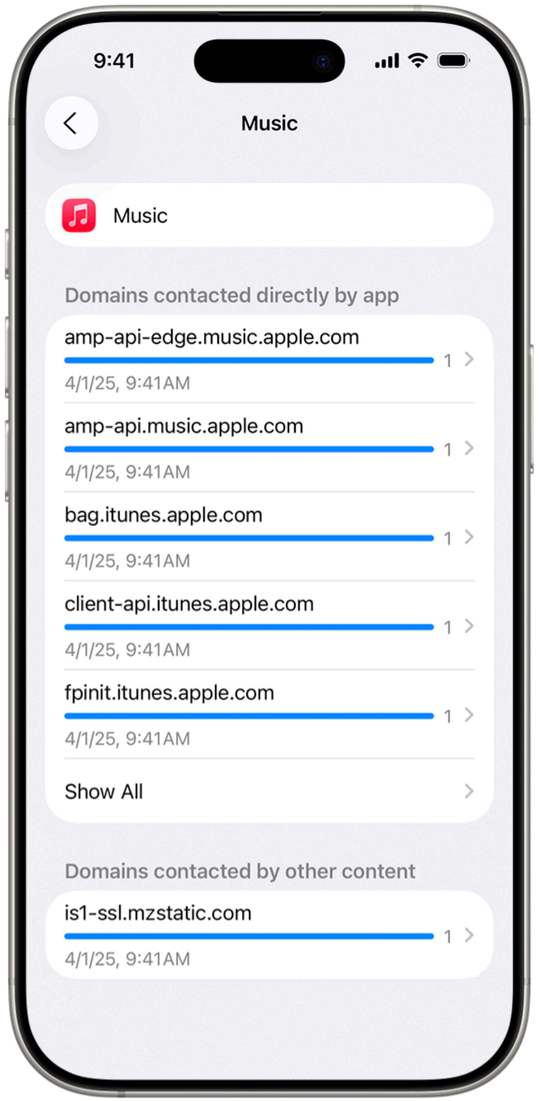
Access

Data over-reach

Exfiltration

Access & Identity

The App Itself



User Configurations

Live Demo

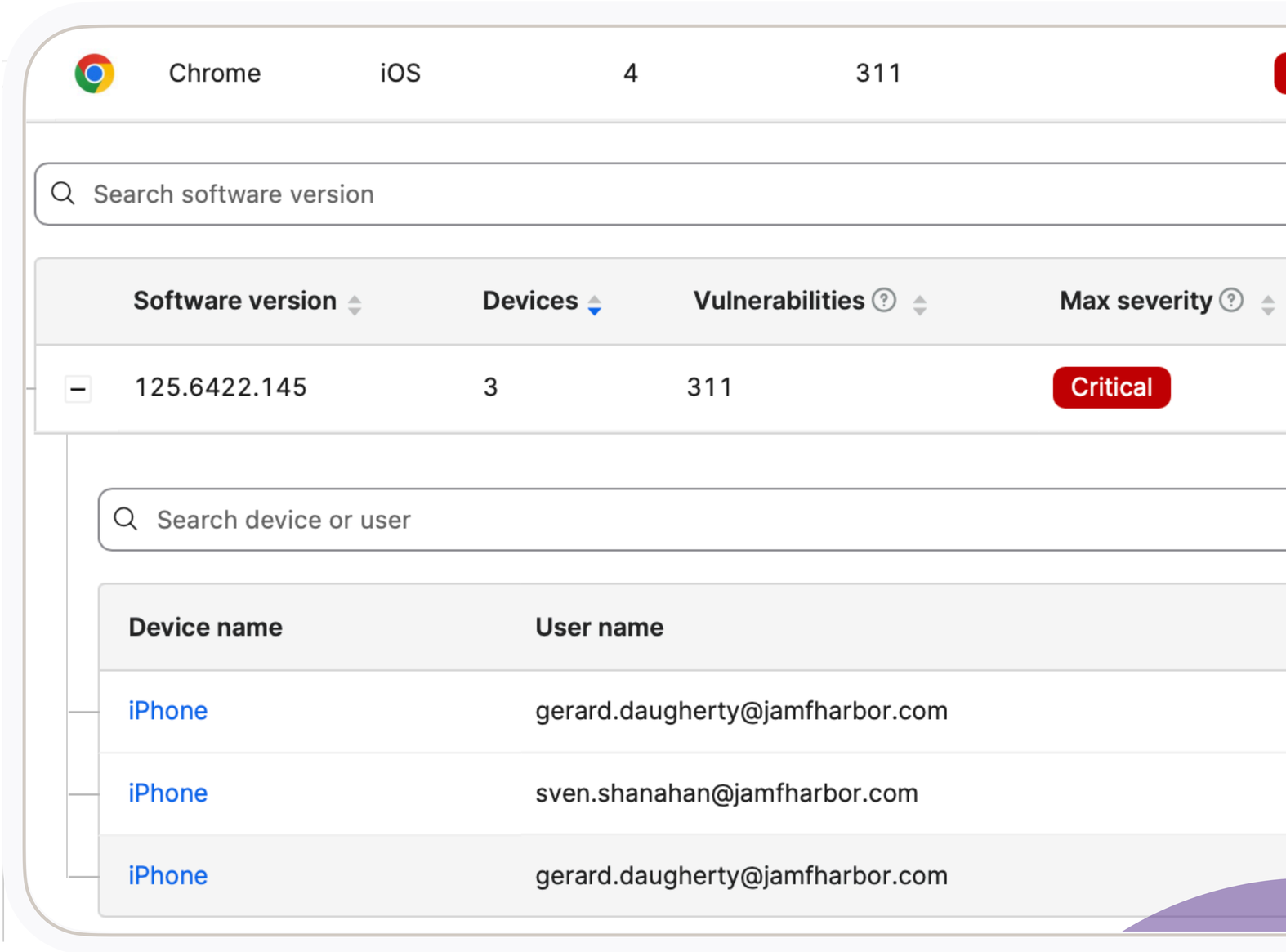
APP VULNERABILITIES:

What does Jamf tell you about the app itself?

311 known vulnerabilities

Affected Devices

Exact Software Version



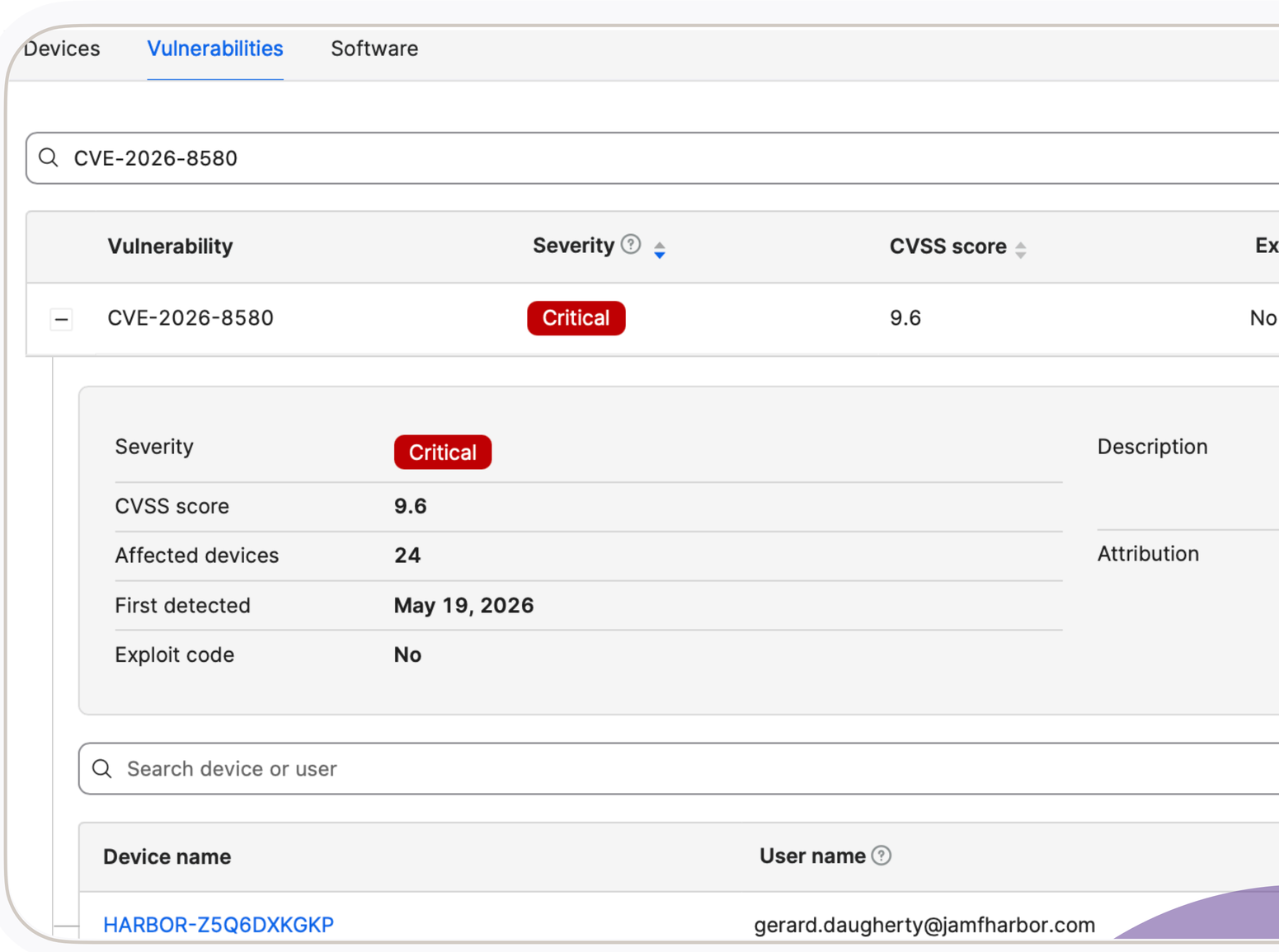
APP VULNERABILITIES:

What does Jamf tell you about the vulnerabilities?

Severity

First Detection

CVE Description & Link



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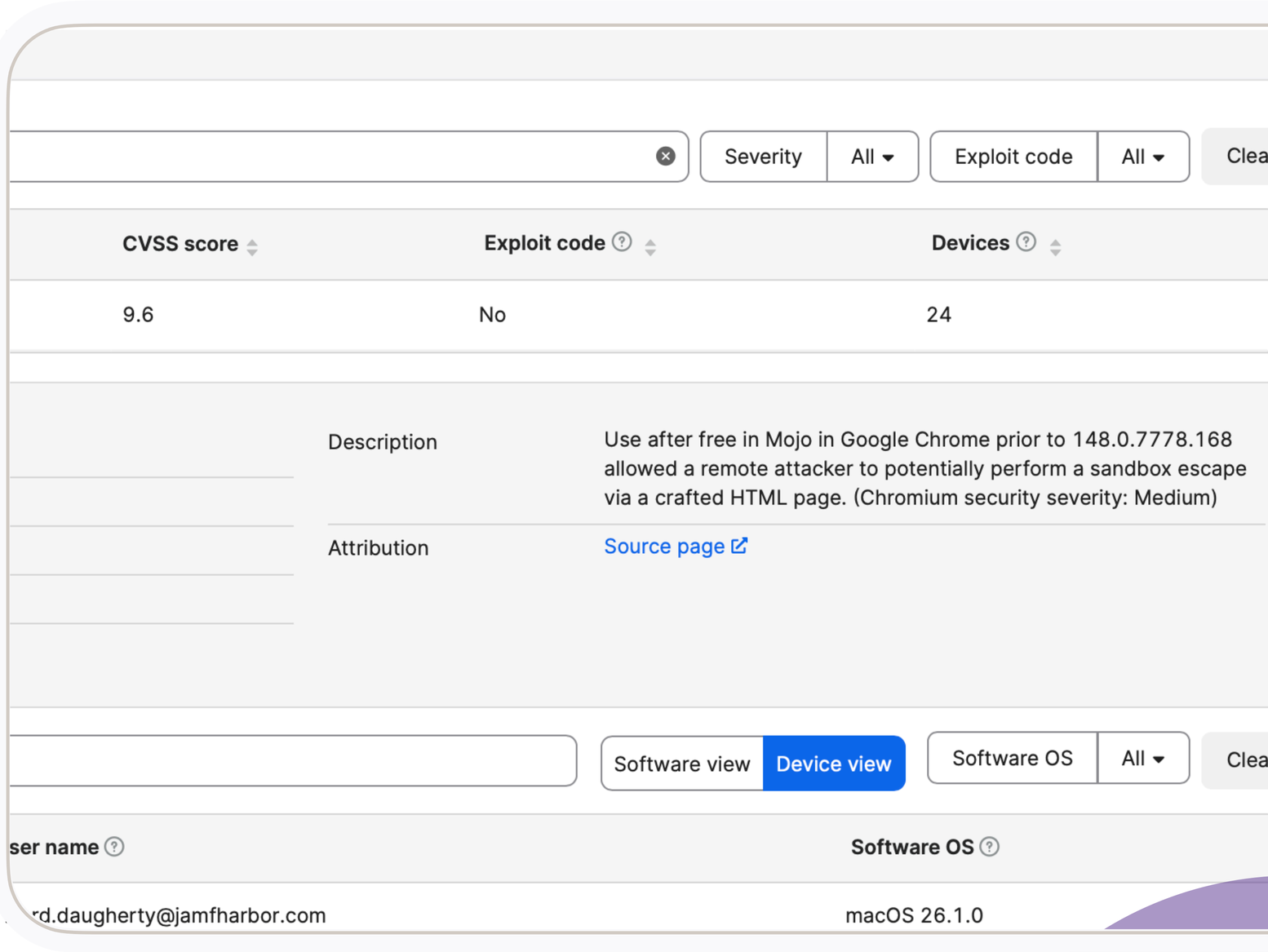

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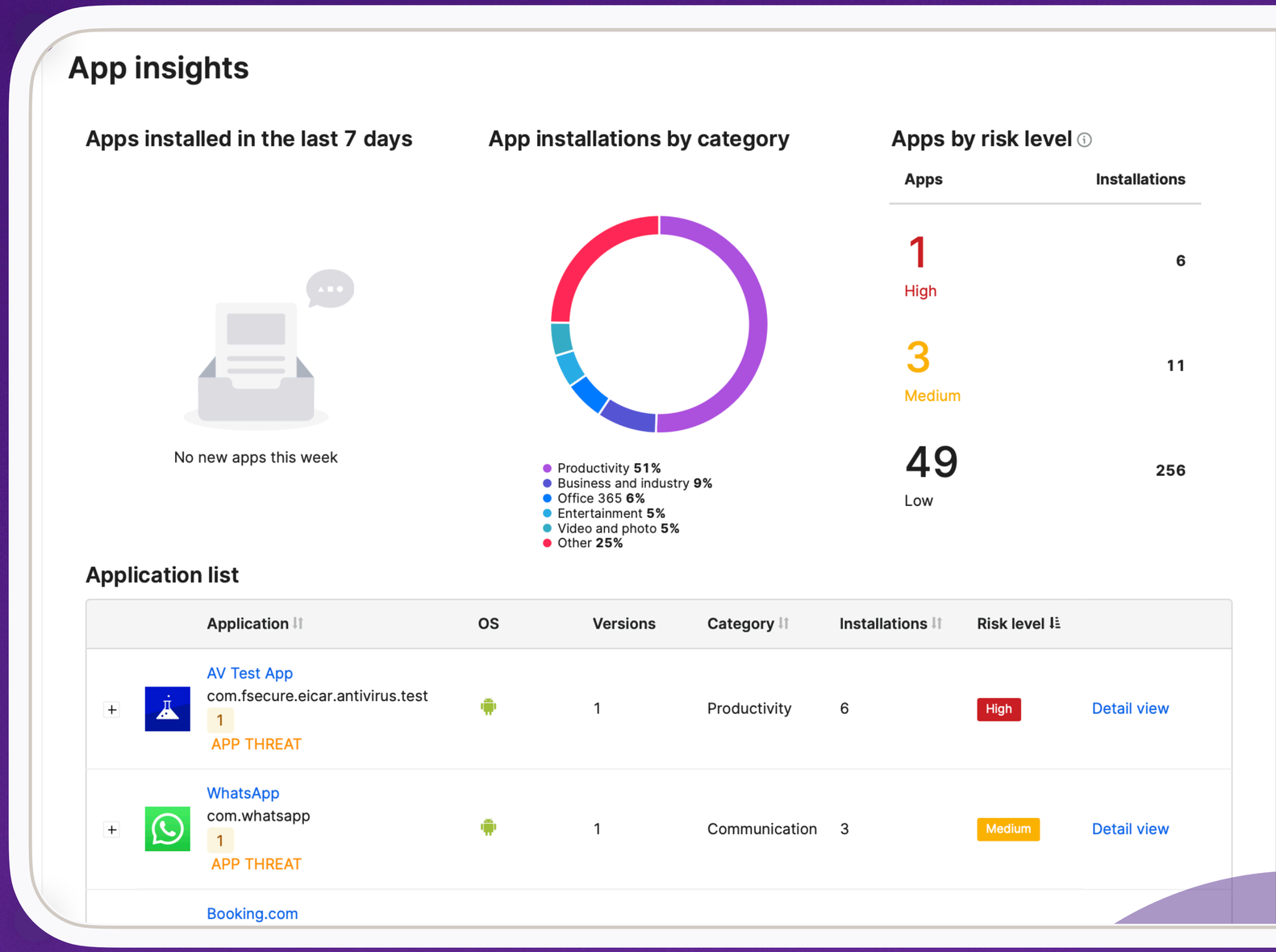
APP INSIGHTS:

Current Risks & Application Forensics

Organisational Risk

Access to data



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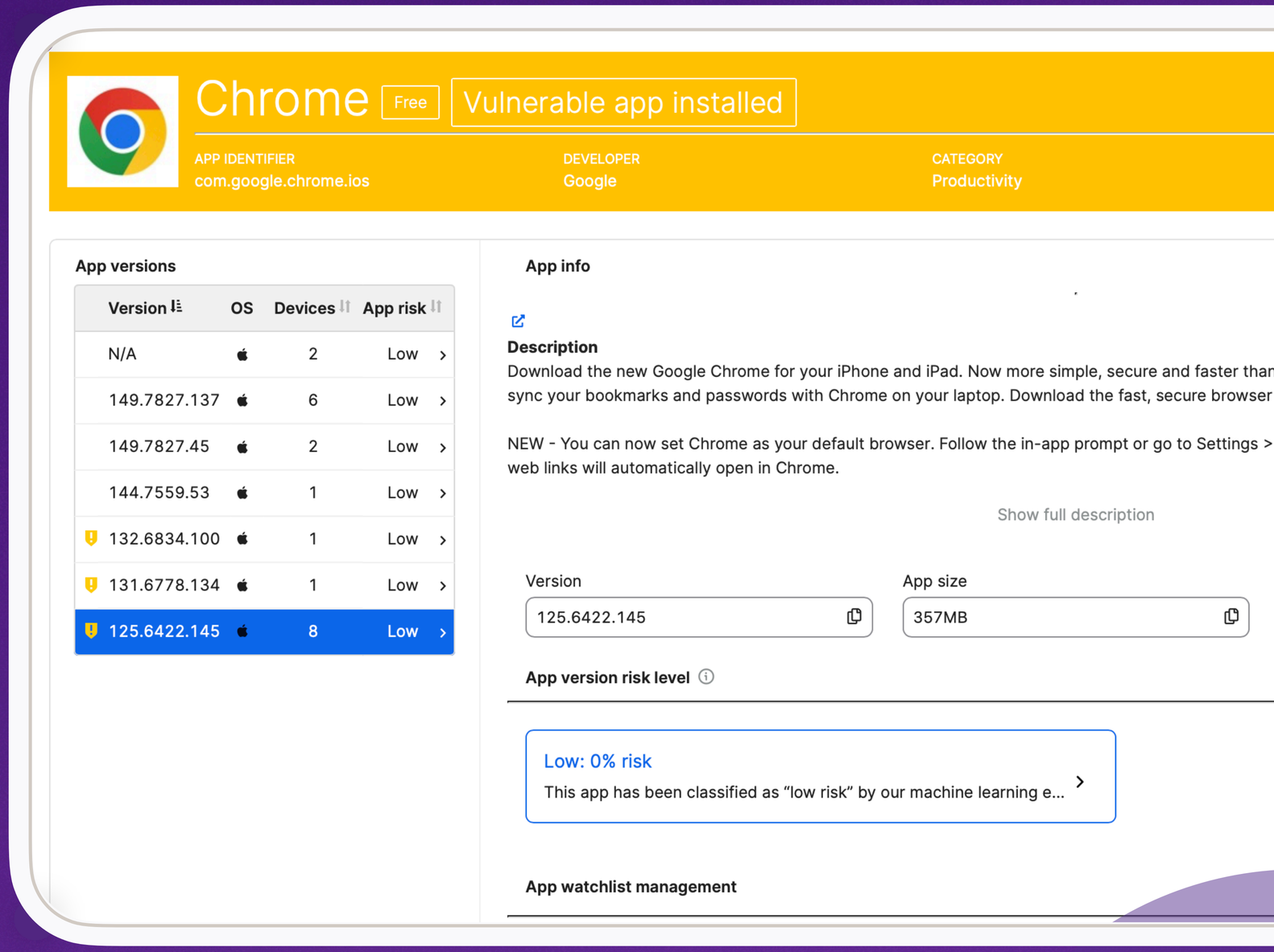

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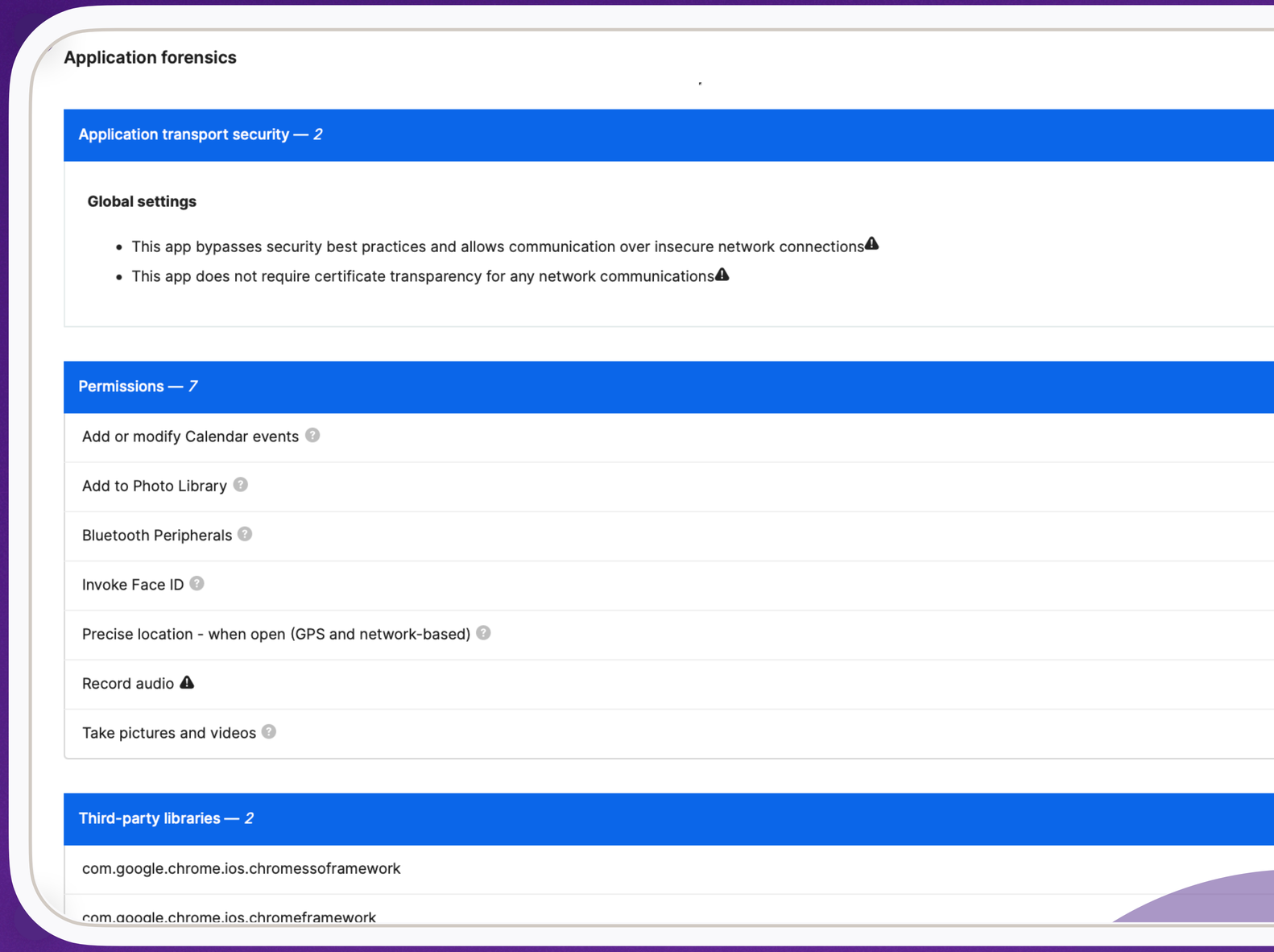

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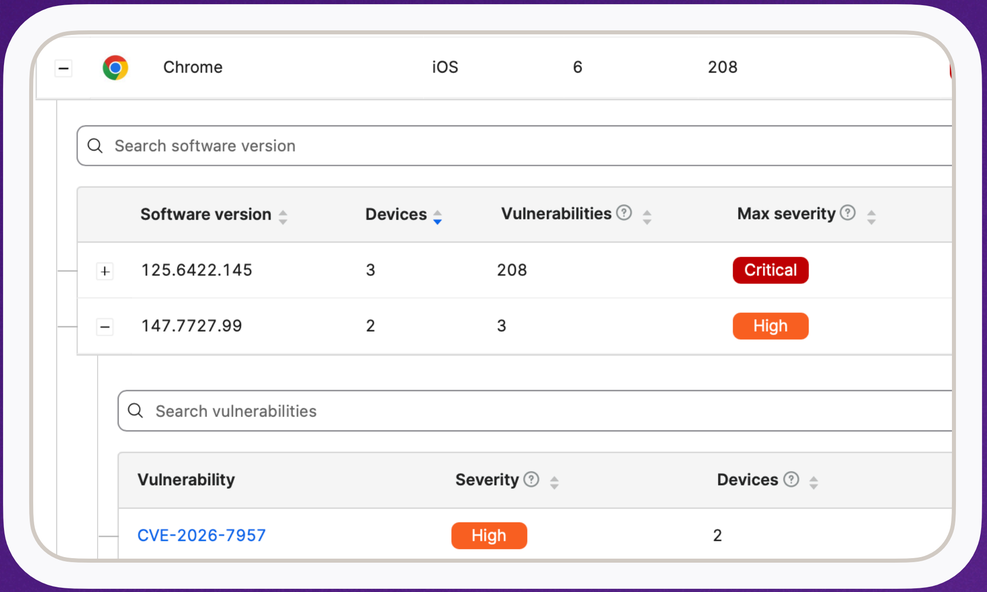
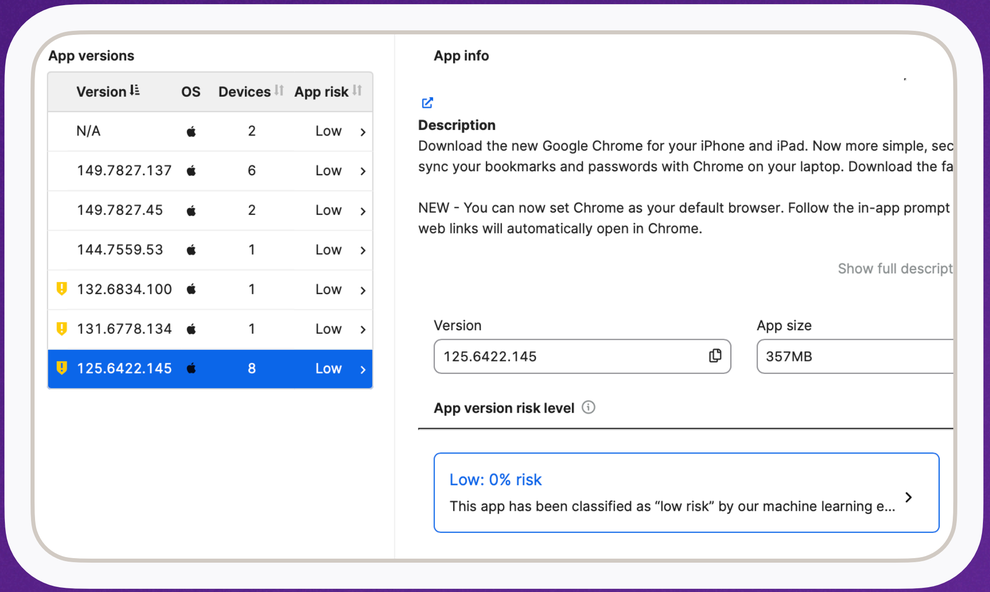
App

Vulnerabilities Vs Insights





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We know the risk

And the affected devices

What do we do with this information.

Patch, Update

Or remove vulnerable apps

Secure network access
to apps your users actually use

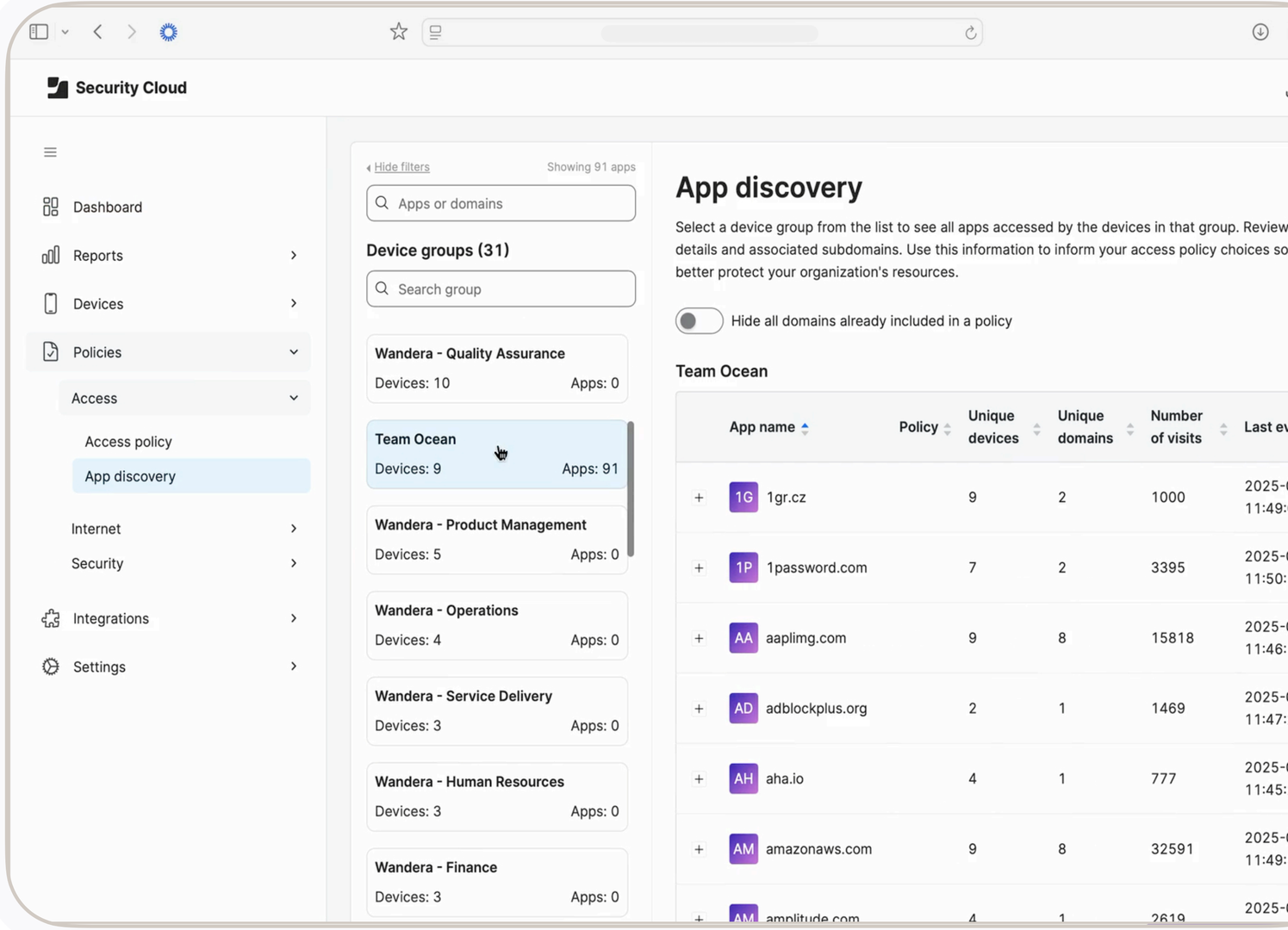
SECURE: APP ACCESS

How do I know what to secure?

Discovery most used apps

Create access policies

Secure & limit access



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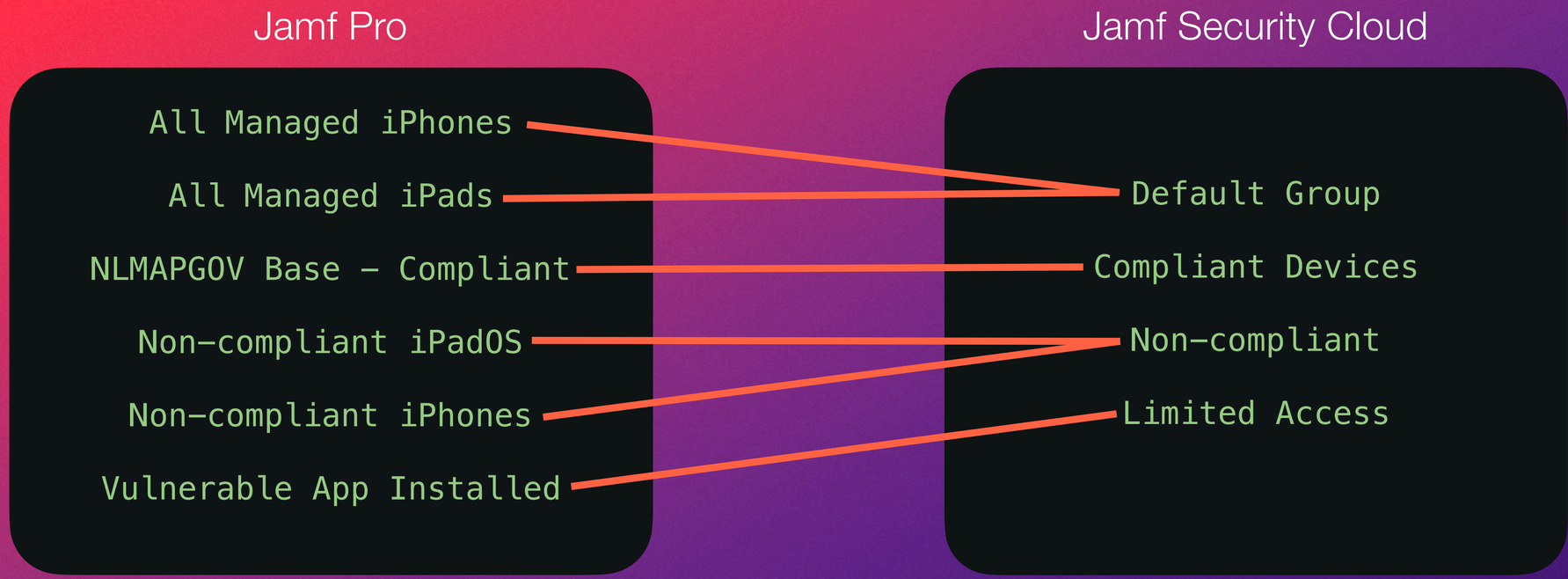
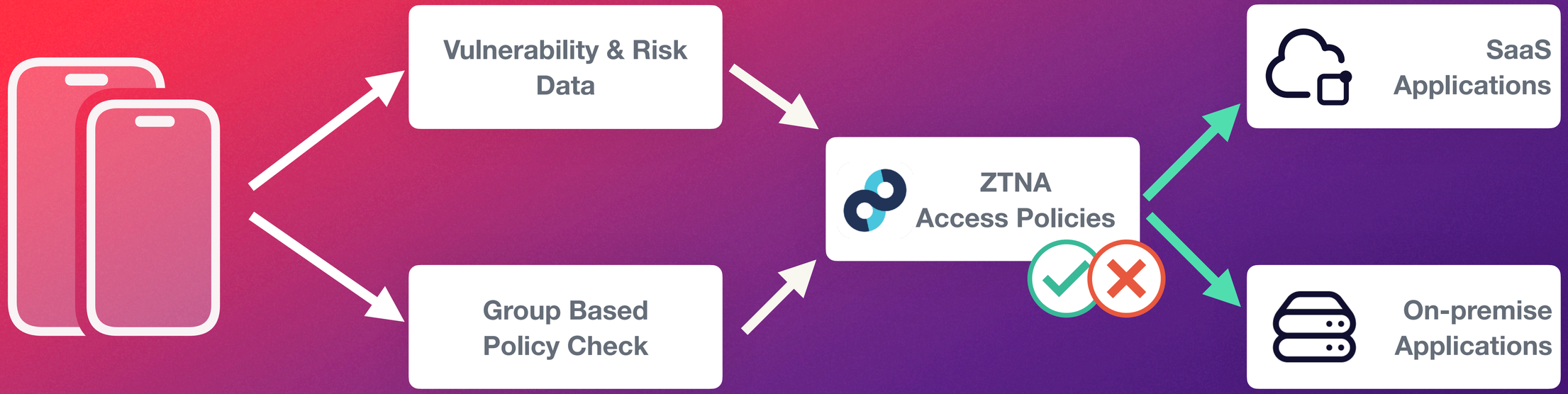
Group Based Access




Vulnerability & Risk Data
Group Based Policy Check
ZTNA Access Policies
SaaS Applications
On-premise Applications

The Friday Afternoon Ping

“Are we affected by this”

372 Devices with Chrome

27 running a vulnerable version

11 updates pending

27 devices network access restricted

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Mobile
Forensics

Compliance
Benchmarks

iOS
Android

SIEM
Integration

Zero Trust
Network Access

Vulnerability
Management

CVE
Reporting

Data
Usage

Risk Based
Access

Network
Security

Custom
Remediations

Threat Labs
Research

App
Intelligence

On-Device
Content Filtering

Admin
Alerts

App
Discovery

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