



Kentucky Fried Patching

Jamf Auto Update at **Yum Brands, Inc**





Who are these Guys?

Meet the Team





Kyle Gilmore

Yum Brands, Inc.

Engineer III



Justin Musk

Yum Brands, Inc.

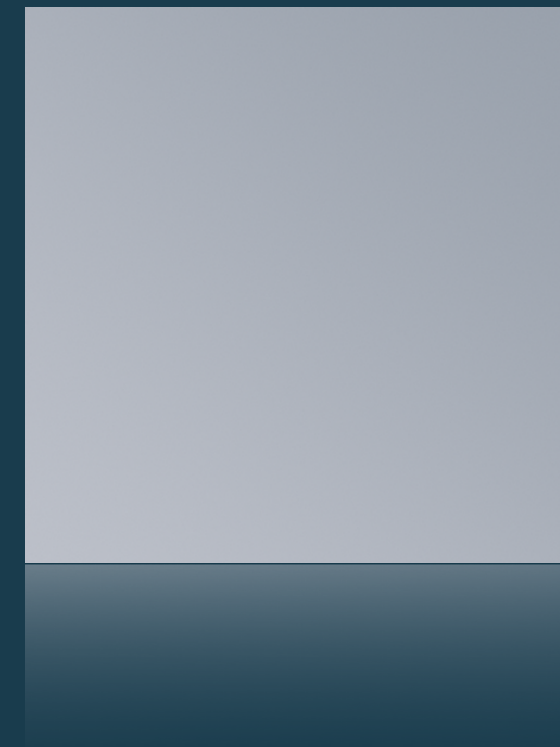
Senior Engineer I



Allen Lanning

Yum Brands, Inc.

Associate Manager



Ben Toms

Jamf

Principal Software Engineer





How did we get here?

Goals and Proof of Concepts



Journey to Jamf Auto Update



Goals	Proof of Concept	Approval	Purchase
• Common patching experience across the largest number of applications. • Ease of use for end users.	• Installomator • App Auto Patch • Jamf Auto Update	• Legal Review • Executive buy-in	• Jamf Auto Update made available for non-MSP customers for the first time.





Jamf Auto Update

So, what is this thing?



MAC ADMIN & DEVELOPER CONFERENCE UK

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The O2 | London | SE10 0DX

Mac Admin & Developer Conference UK

7th – 8th February 2017, The O2 London

The Mac Admin & Developer Conference, now in its second year, is the only conference of its type in the UK and draws talent from all over the world.

MacADUK is a must-attend event for professional Mac Admins and Developers. With intensive sessions run over two days at



MacADUK 2016
from DavidsonHawes







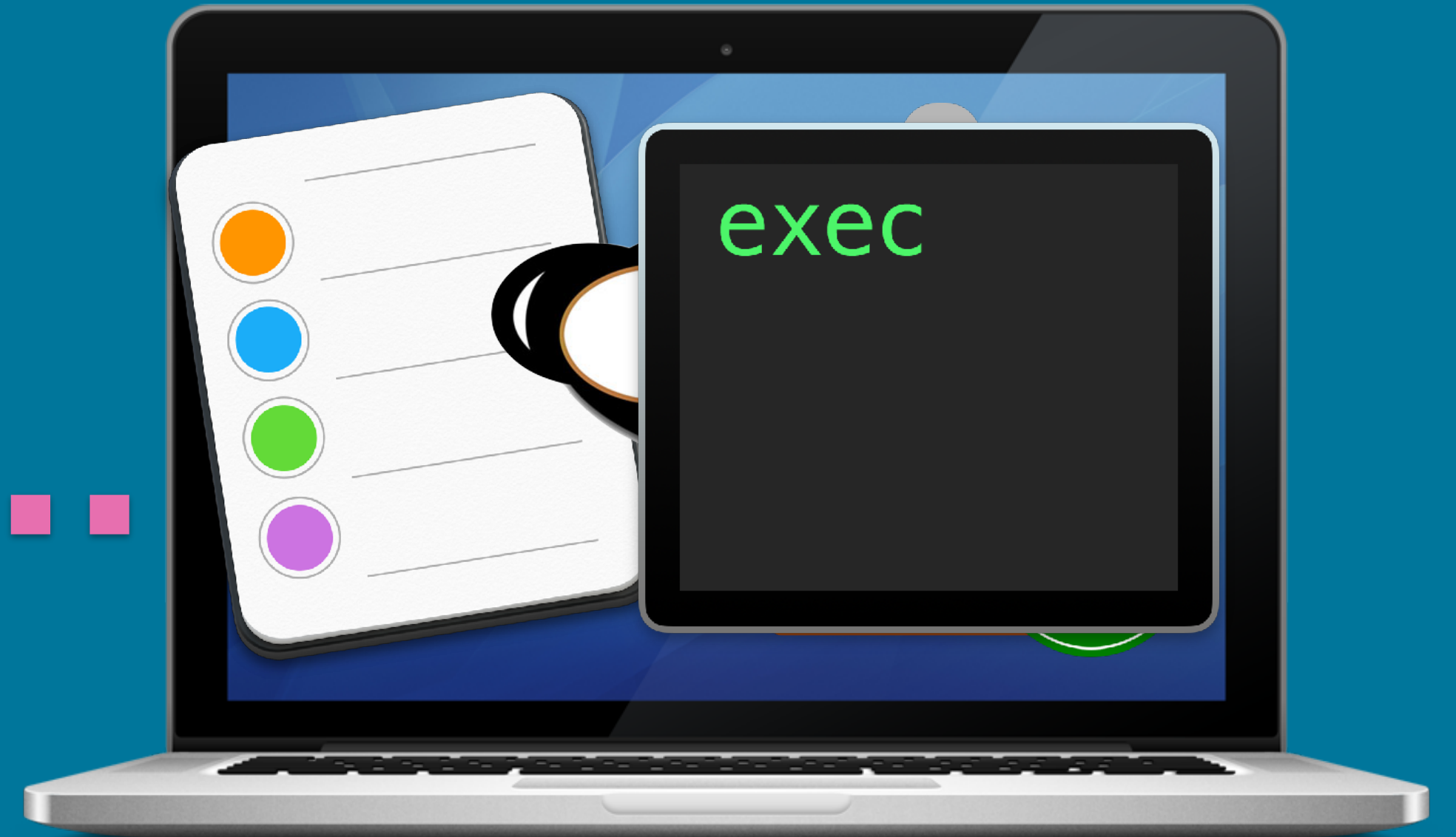
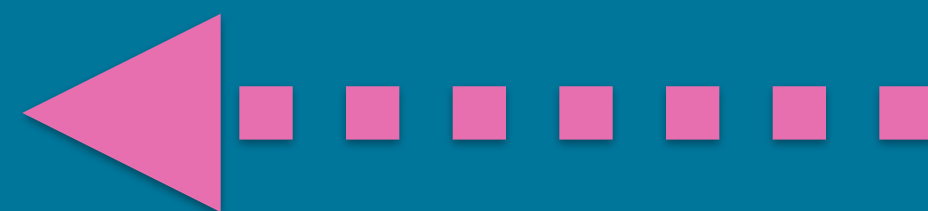
Client side



Server side



<https://github.com/dataJAR/jamJAR>
#jamjar



dataJAR Ltd.
Apple Device Management Specialists



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Pro

🏠 Computers

📁 Inventory

🔍 Search Inventory

🔍 Search Volume Content

📦 Licensed Software

🛡️ Content Management

📋 Policies

⚙️ Configuration Profiles

🔄 Software Updates

🔒 Restricted Software

📱 Mac Apps

🔄 Patch Management

📖 eBooks

👤 Groups

👤 Smart Computer Groups

👤 Static Computer Groups

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👤 Groups

👤 Smart Computer Groups

👤 Static Computer Groups

Computers : Configuration Profiles

← New macOS Configuration Profile

Options

Scope

🔍 Search...

👤 Accessibility

Not configured

📄 ACME Certificate

Not configured

📄 AD Certificate

Not configured

🖥️ AirPlay

Not configured

🔒 App-To-Per-App VPN Mapping

Not configured

⚙️ Application & Custom Settings

1 payload configured

Jamf Applications

External Applications

Upload

Approved Kernel

Preference Domain Properties

Properties to configure for the preference domain

Form editor

Plist preview

Jamf Auto Update (com.jamf.autoupdate)

Settings for Jamf Auto Update 1.3+. [More information](#)

☑️ Add/Remove properties

Branding Image ⓘ

Local path to image to use for branding, this will then be set either when Jamf Auto Update is installed or when Jamf Auto Update next runs.

/path/to/image

If true, Jamf Auto Update will not run when low data mode is enabled or when connected ⓘ to a hotspot.

Default: true.

true

Install Messages

Settings for the install messages.

☑️ Add/Remove properties

Notify the logged in user when a title has been installed. ⓘ

Default: true.

true

Cancel

Save

Jamf Auto Update

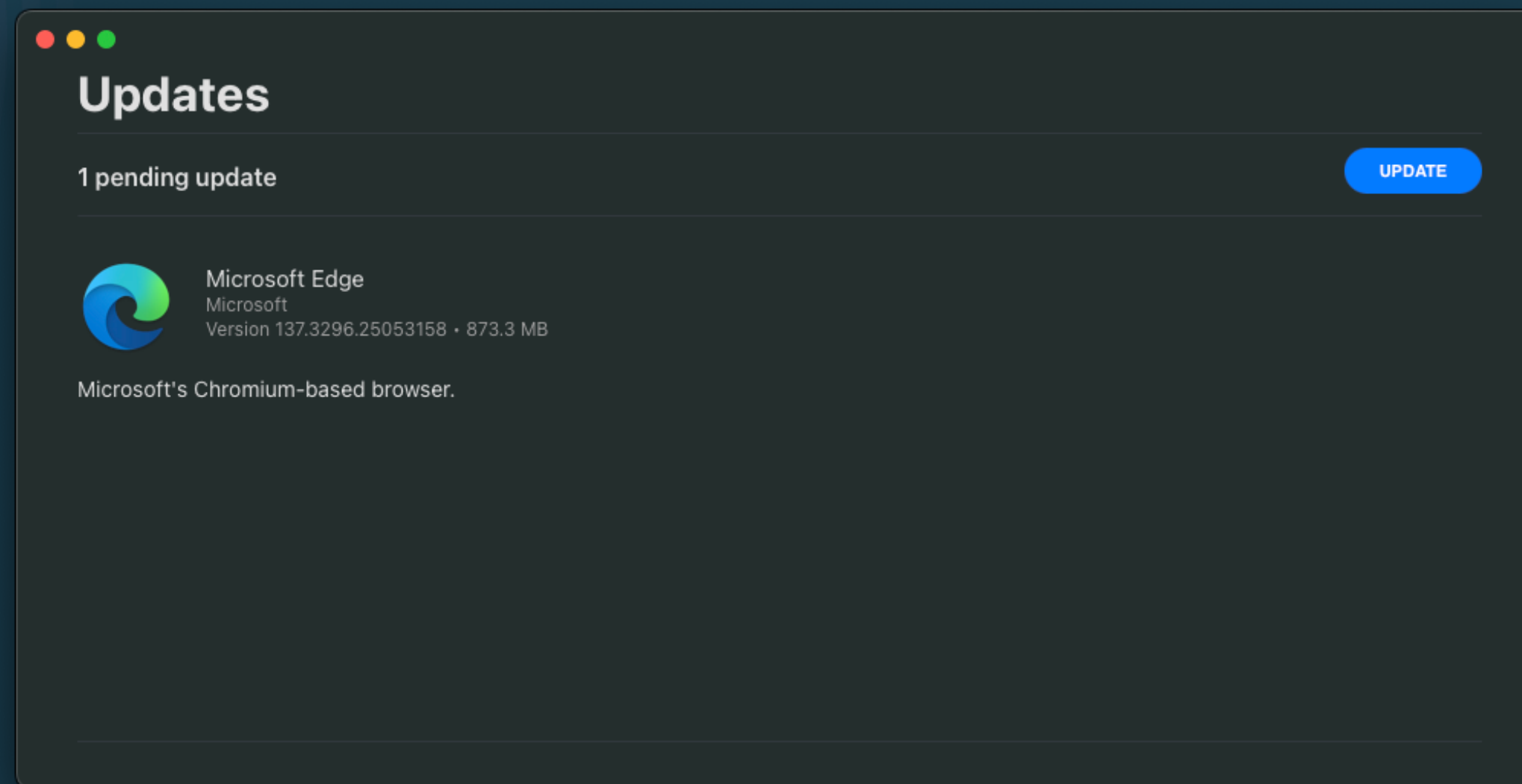
- Around 1,000 titles supported.
- Includes uninstall workflows.
- Configuration available from within Jamf Pro.
- Support from a team actively using the product.



Jamf Auto Update
A running application has a patch available.
[Click here for more information.](#)



Jamf Auto Update
Microsoft Edge 137.3296.25053158 has
been installed.





The Setup

Design and Configuration



Patch Management



- Patch External Source
 - External Patch Management Source that provides definitions for all apps patched by Jamf Auto Update
- Patch Management
 - Titles provide an easy way to verify patching success
 - Can be used from scoping (i.e. our forced policy)

Patch External Source

DISPLAY NAME

● definitions.datajar.mobi

Patch Reporting: Google Chrome

is [dropdown arrow]

Latest Version

Patch Management

Authy Desktop	Authy Inc	definitions.datajar.mobi	3.0.0	06/07/2024 at 3:59 AM	100%
Auto-Update Catalogue Browser	Jamf	definitions.datajar.mobi	1.5	05/09/2024 at 2:48 AM	100%

Smart Groups

- Deployment Groups
- Application Patching Groups
 - Daily Patching
 - Force Patching

OPERATOR	VALUE
member of ▼	Jamf Auto Update - Smart
has ▼	Android File Transfer.app



Jamf Auto Update - Android File Transfer

Jamf Auto Update - Android File Transfer - Latest

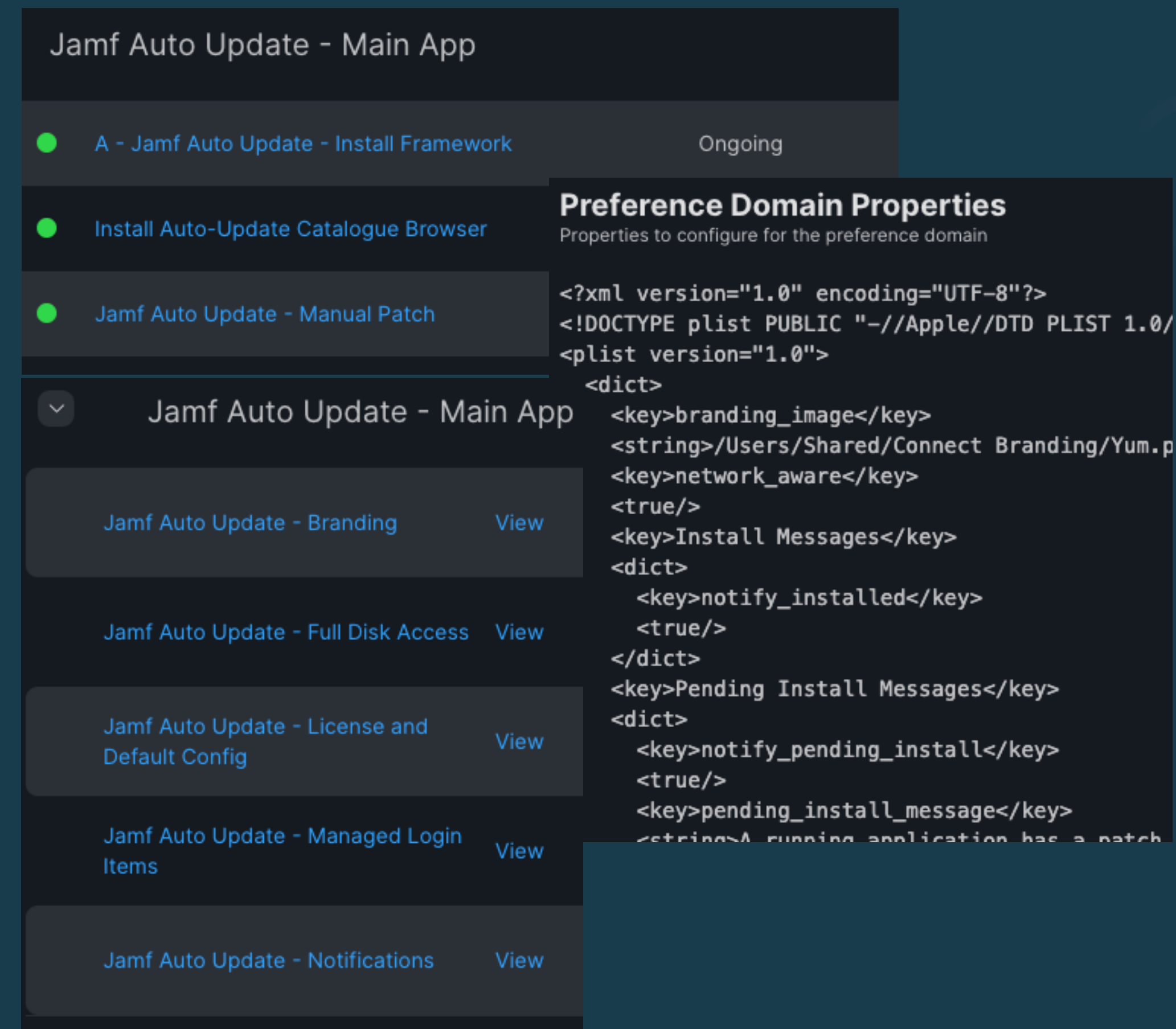
Jamf Auto Update - Android Studio

Jamf Auto Update - Android Studio - Latest



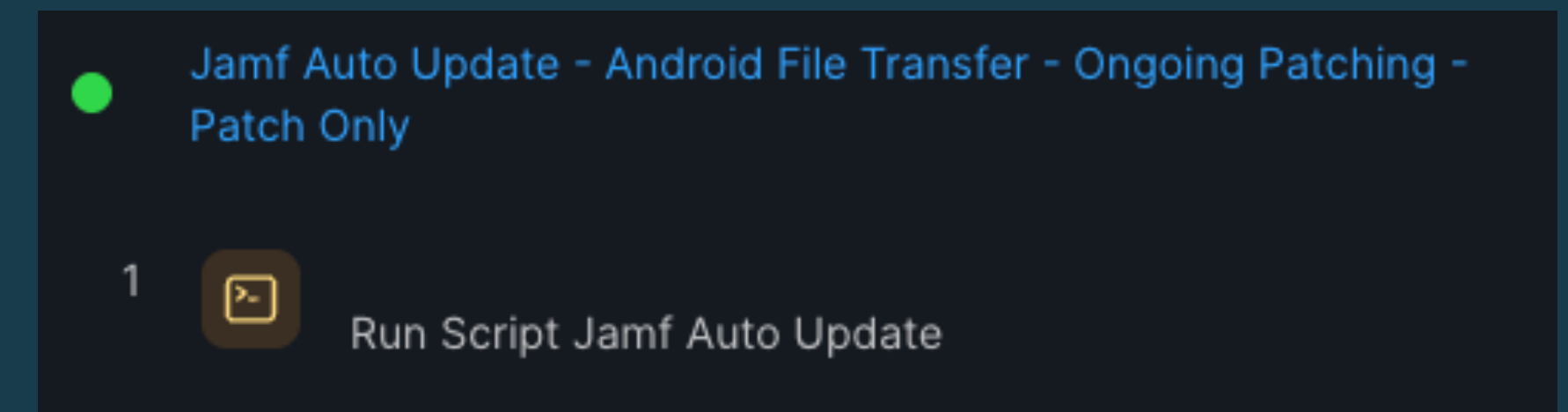
Main Application

- Deployment of Framework via policy
- Configuration Profile
 - License and base configuration.
 - Custom branding and notifications.
- Script
 - Python script to Add/remove applications from install/uninstall property list.
- Extension Attributes
 - Provides information on pending installs and uninstalls for devices in the Jamf Console.



Policies

- Deployment Policy
 - Ongoing deployment via Self Service.
 - Scoped to all devices or approved group.
- Patching Policy
 - Runs daily.
 - Scoped to application groups.
- Patching Policy – Forced
 - Login Trigger.
 - Scoped to application group with exception when the application on the latest version to reduce policy runs at login.
- Uninstall
 - Ongoing deployment via Self Service.
 - Scoped to Application groups.





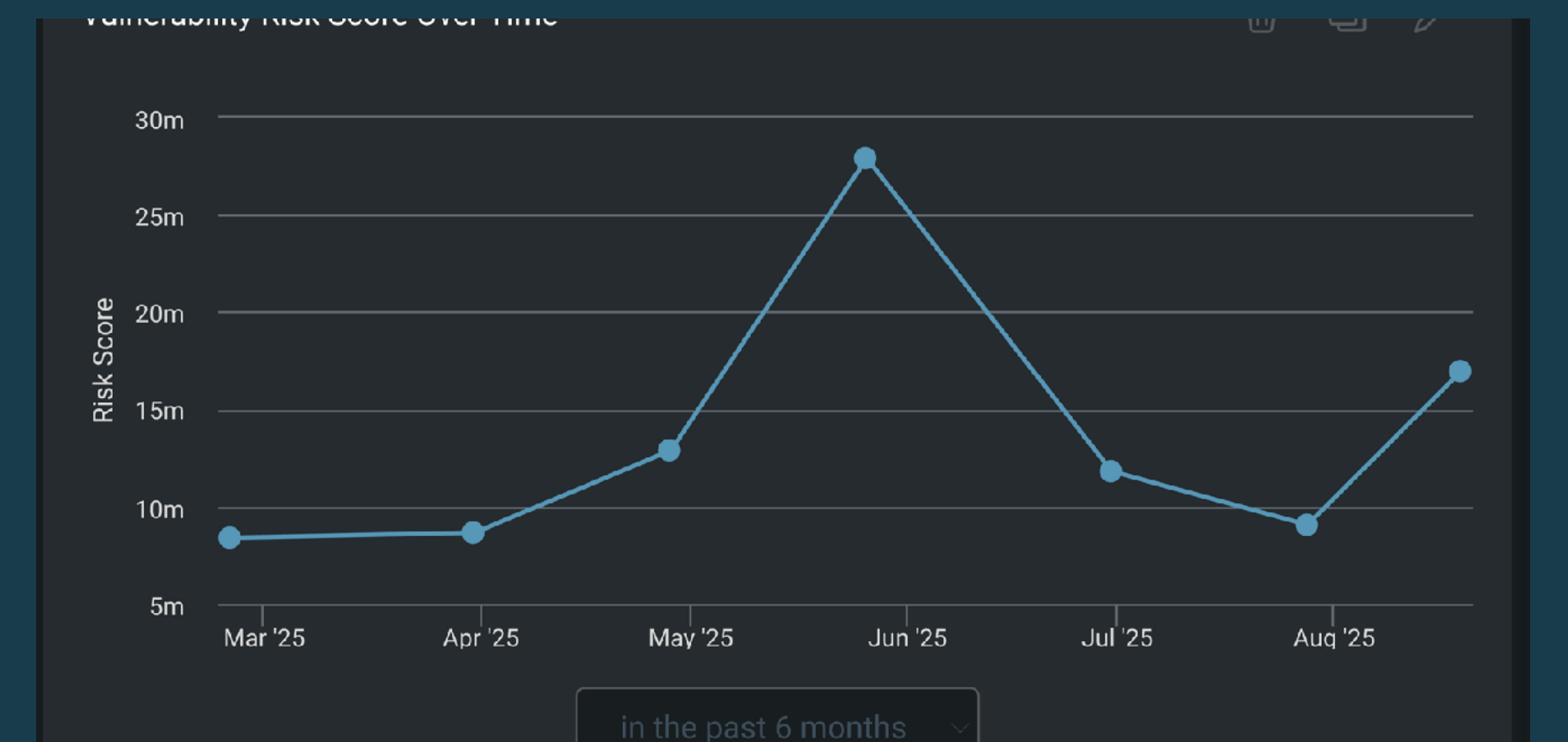
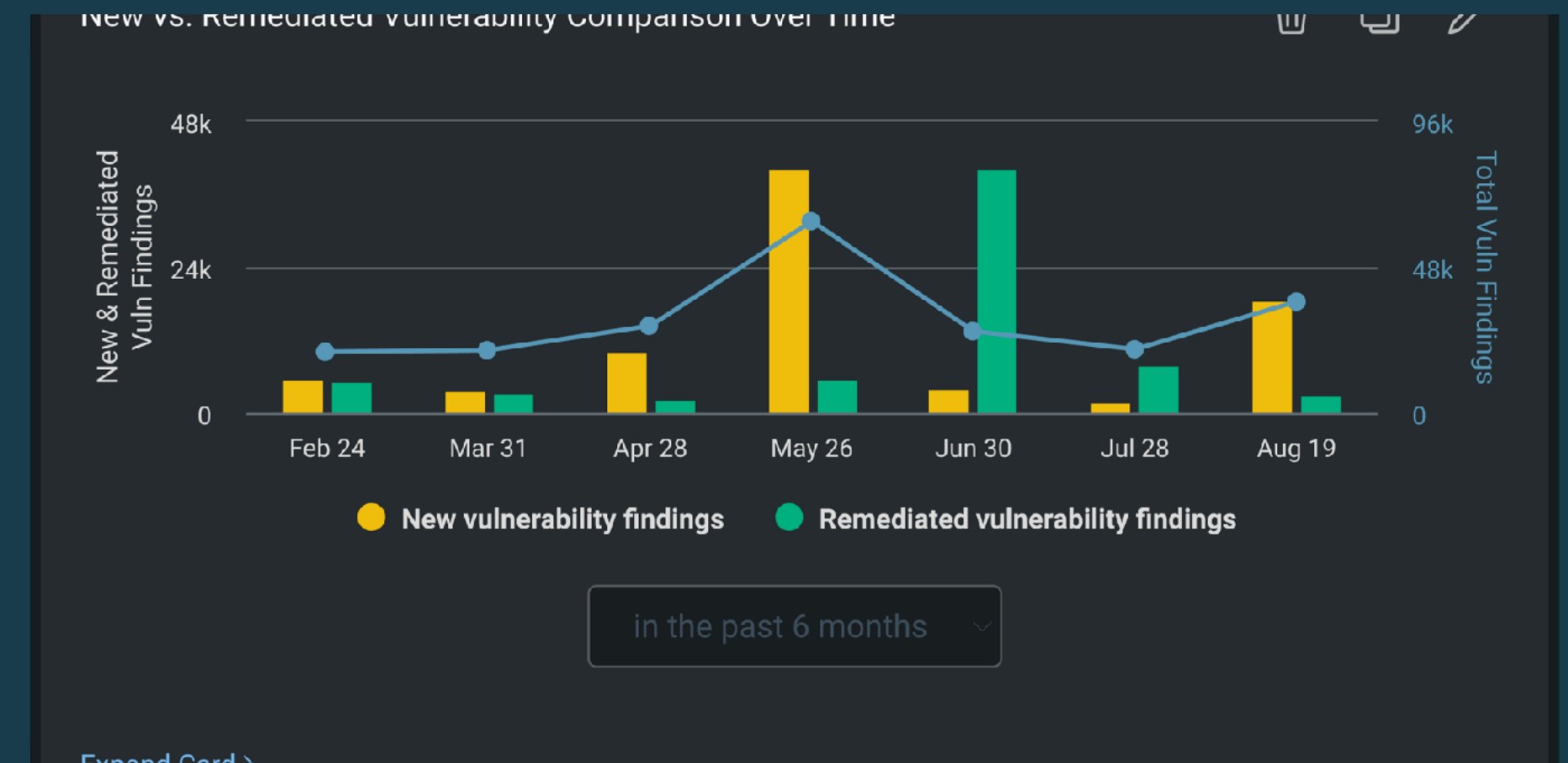
Did it work?

Patching results and final thoughts.



Patching Results

- [Insert final patching data before August 22 submission deadline.]
- 39% Remediation of vulnerabilities in 1st week post deployment.
- 20692 Patching policy runs in first two weeks.





Thank you!

