David Ramirez

Senior Service Manager

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Simplifying User Interaction

Presentation agenda:

What is the tool?

Why does it exist?

What can it do?

How does it work?

Where do I get it?

How do I set it up myself?

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A Beginner's Tale - 2014

Mac Desktop Support

Only wrote small scripts in AppleScript

Volunteered to co-create the UEX toolkit

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A Beginner's Tale - 2014

Mac Desktop Support

Only wrote small scripts in AppleScript

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Strong Google-fu

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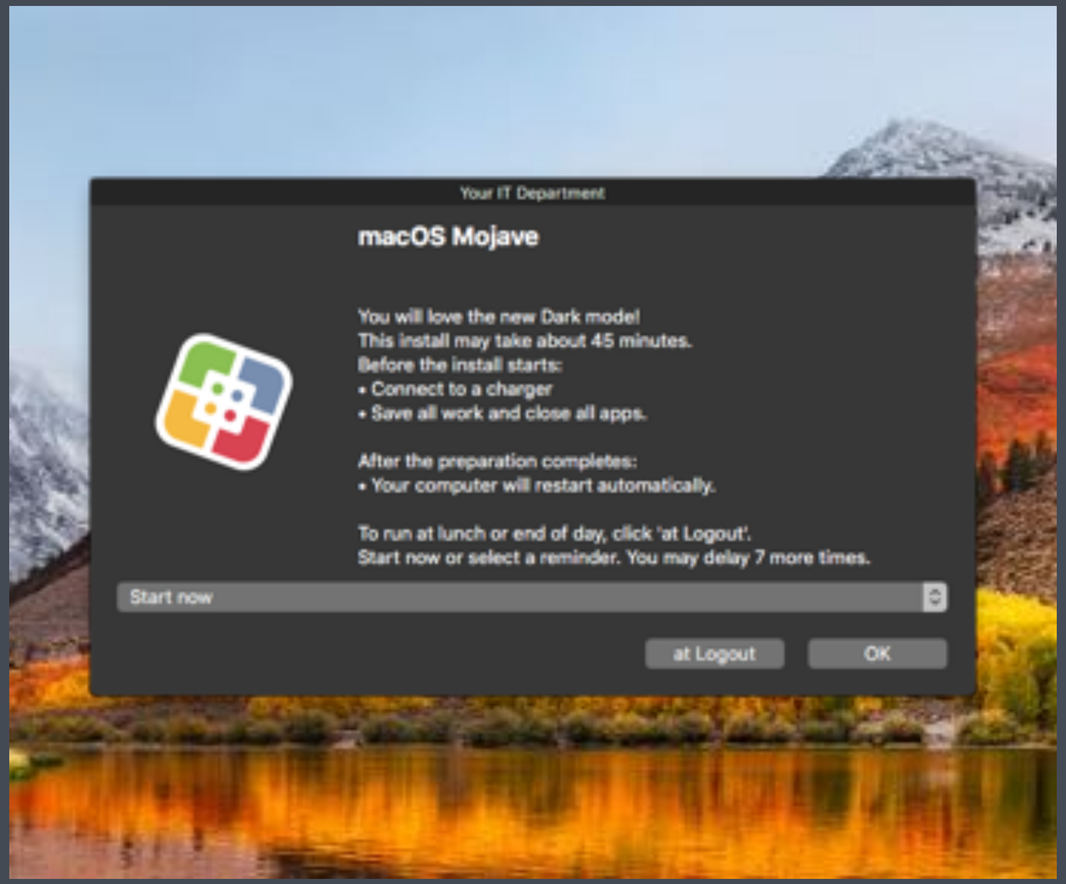
Jamf-Interaction-Toolkit

Standardized UEX Toolkit to display dialog and support postponing running policies.



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Why does it exist?

Custom branding

Only when needed

Built in delay function

Works well with jamf

Easy to comprehend

Easy to use and repeat

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What can it do?

Primary functions

- QUIT
- BLOCK
- LOGOUT
- RESTART

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What can it do?

Built in delay support

- User chosen delay
- Inactivity delay
- Presentation delay

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Parameters are friends

…“not food”

Script parameters in a jamf policy are a simple way to do more using a single script without making a new script each time.

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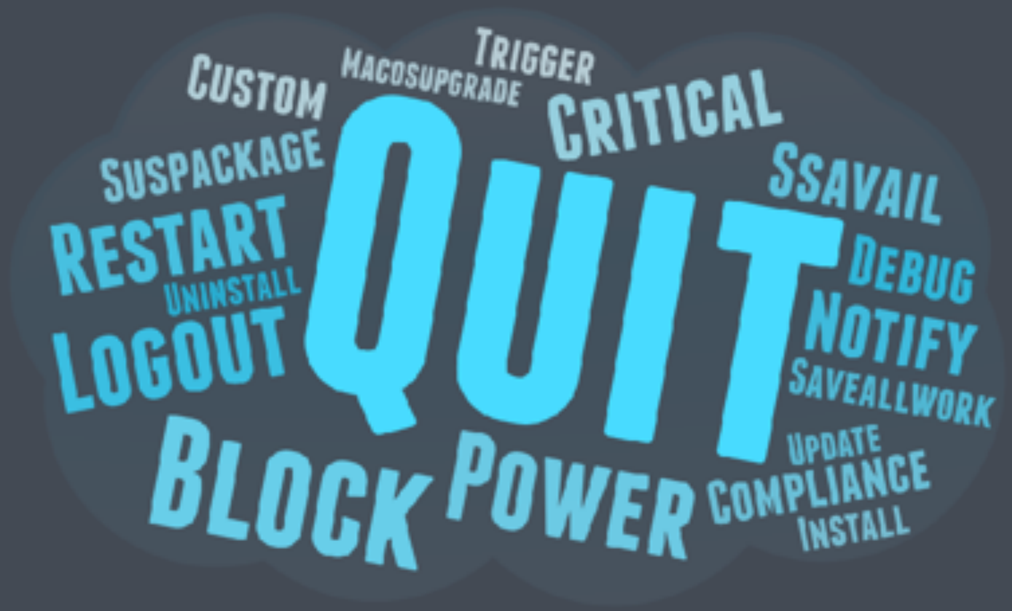

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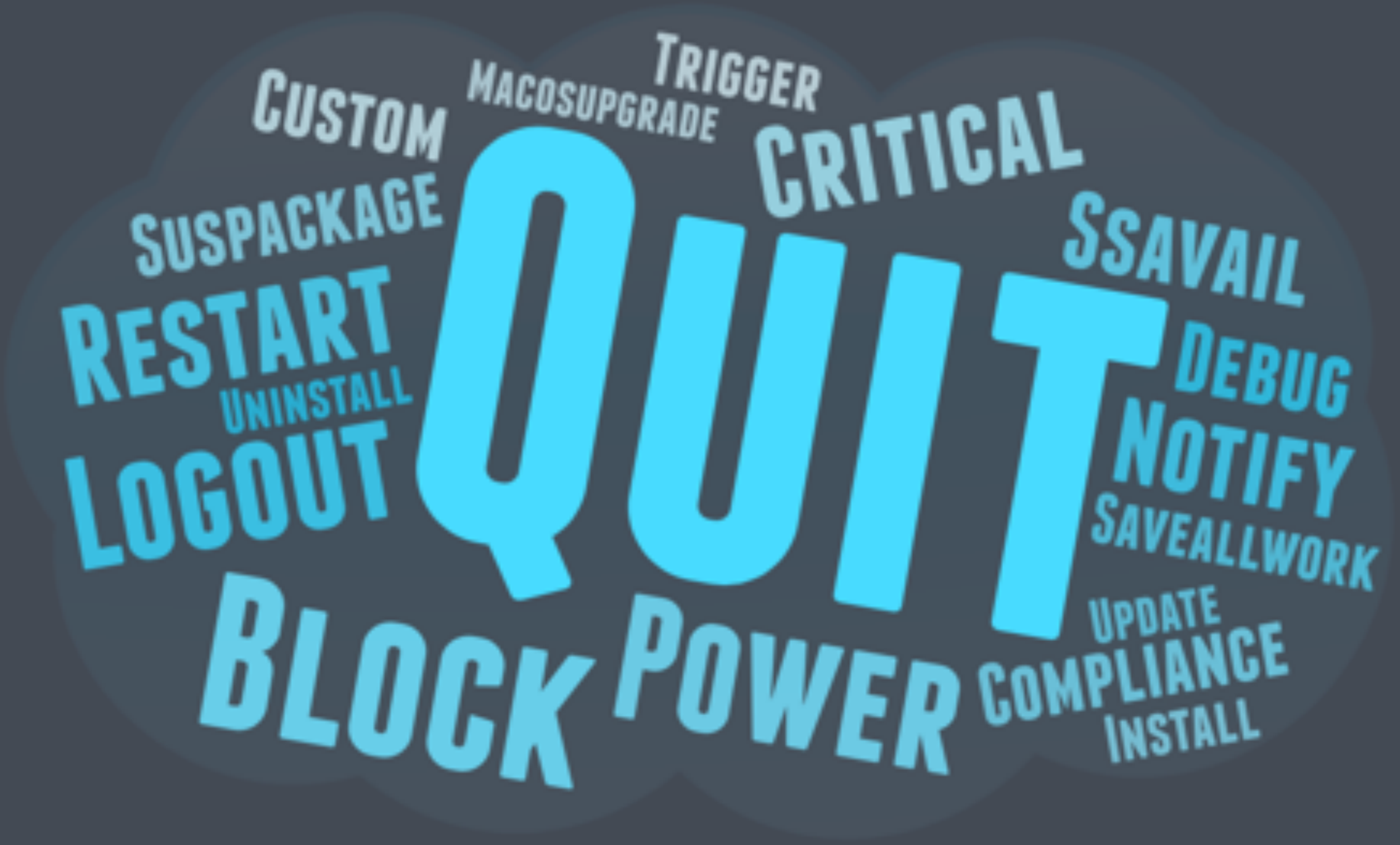

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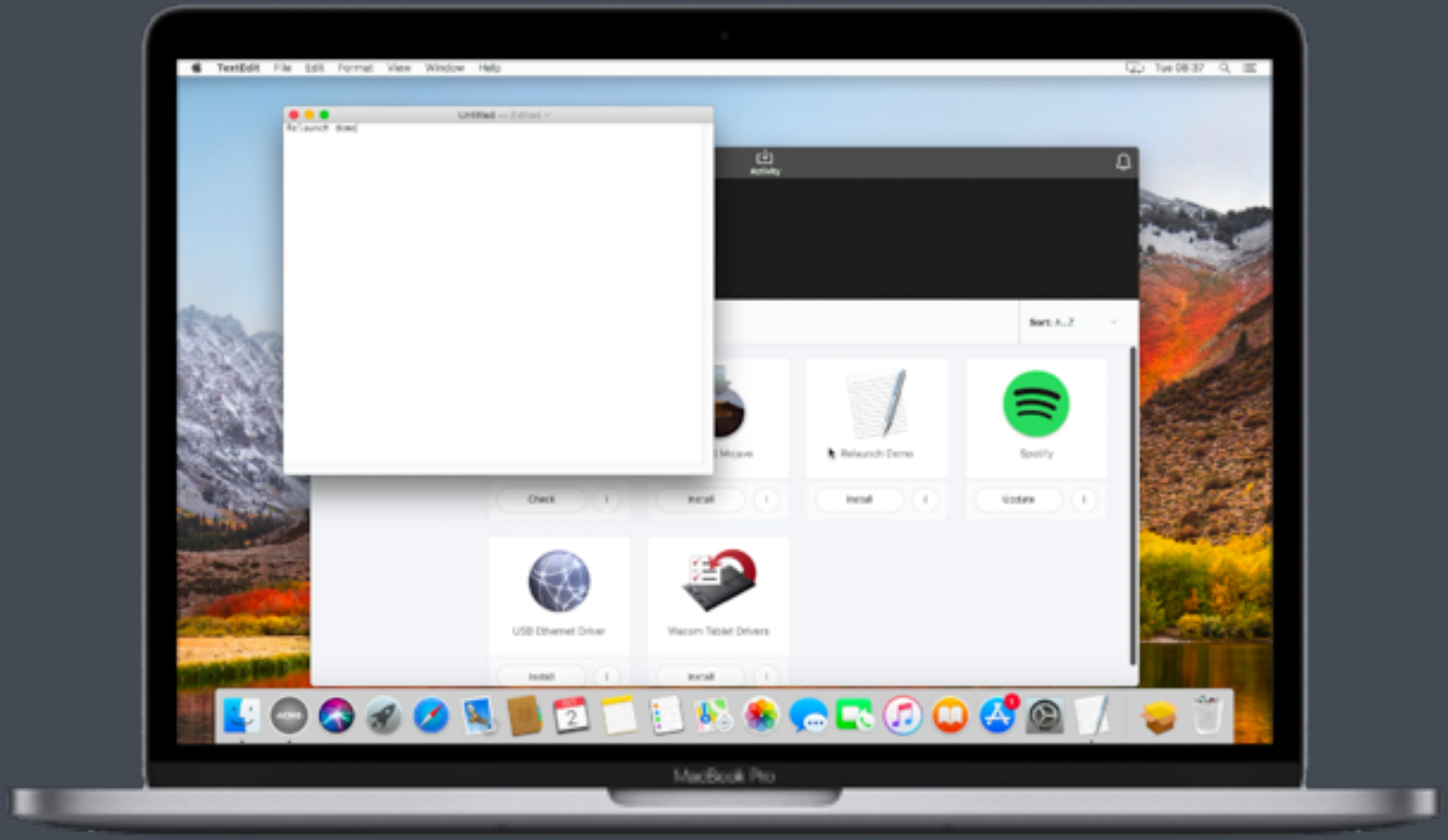

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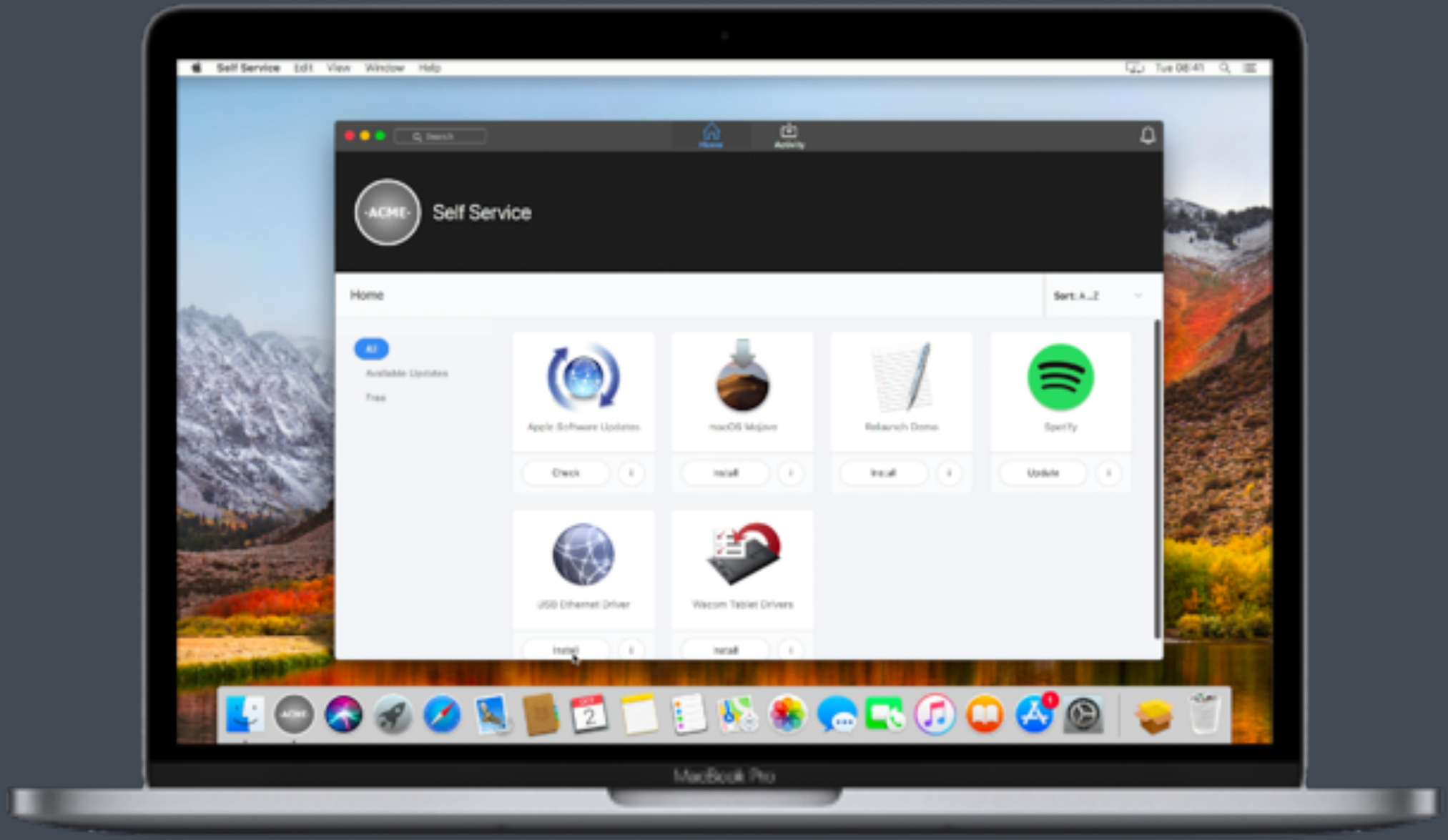

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How it works

CACHE PACKAGE

MAIN POLICY

DEPLOYMENT

SELF SERVICE

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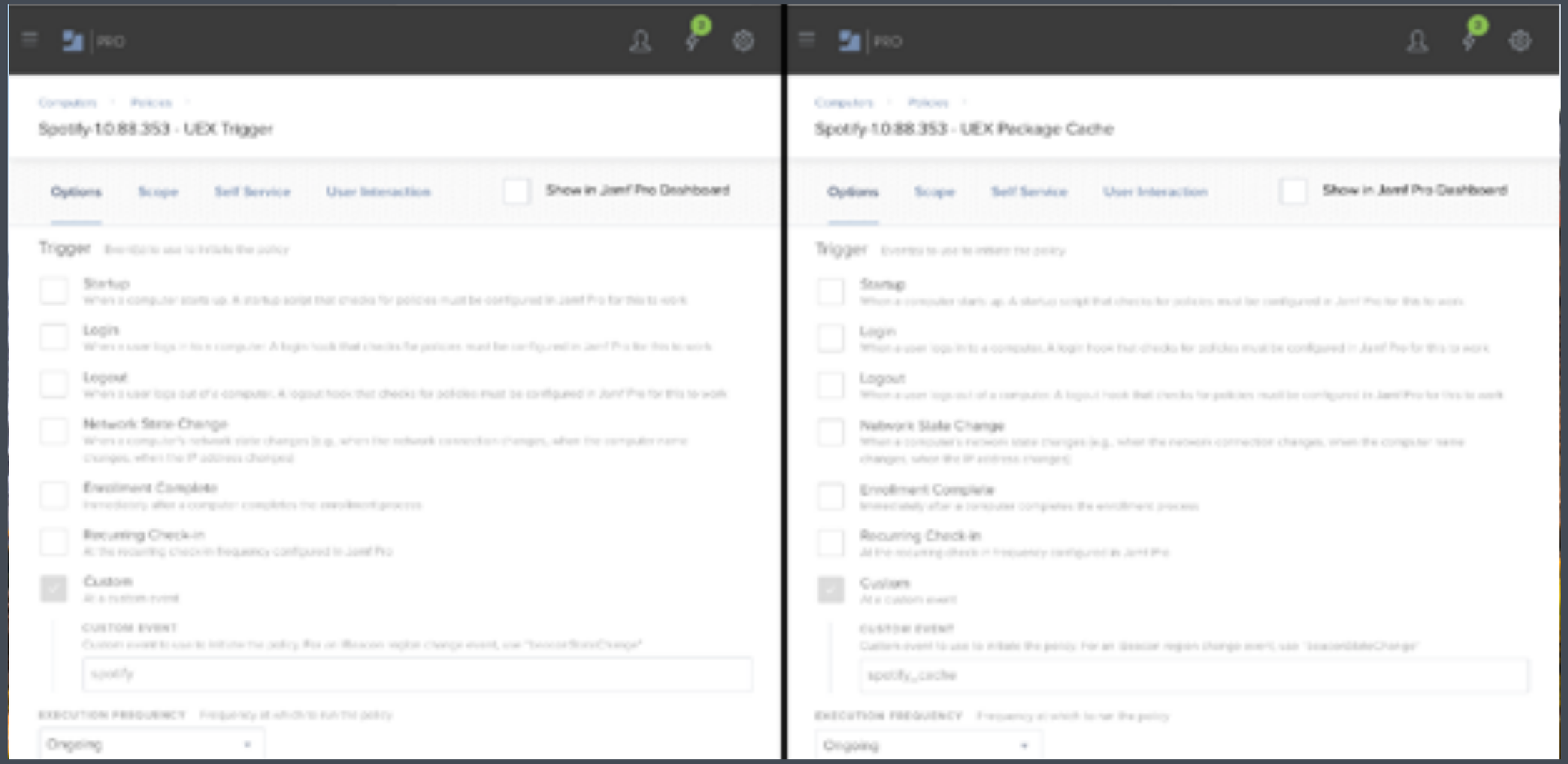

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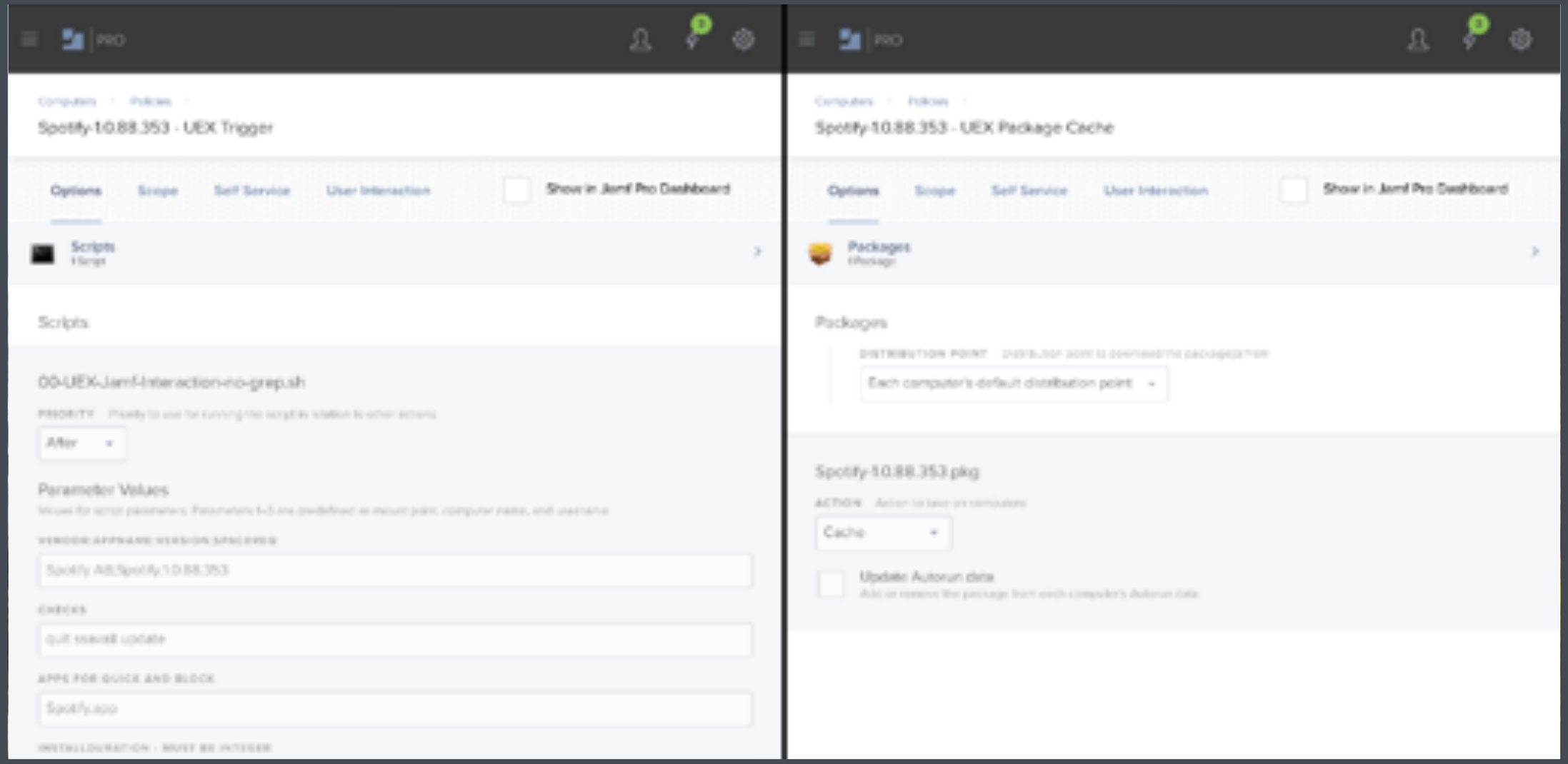

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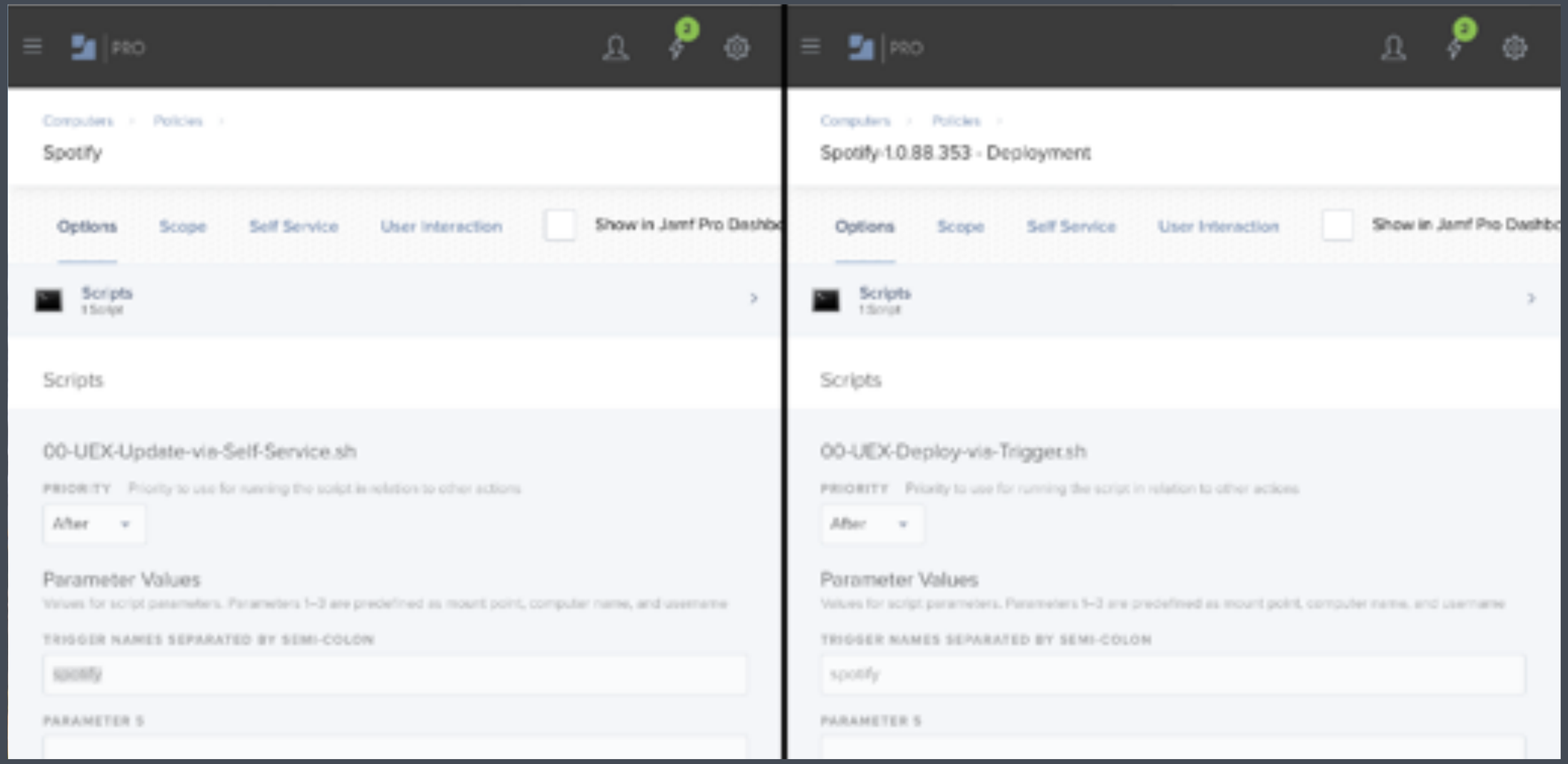

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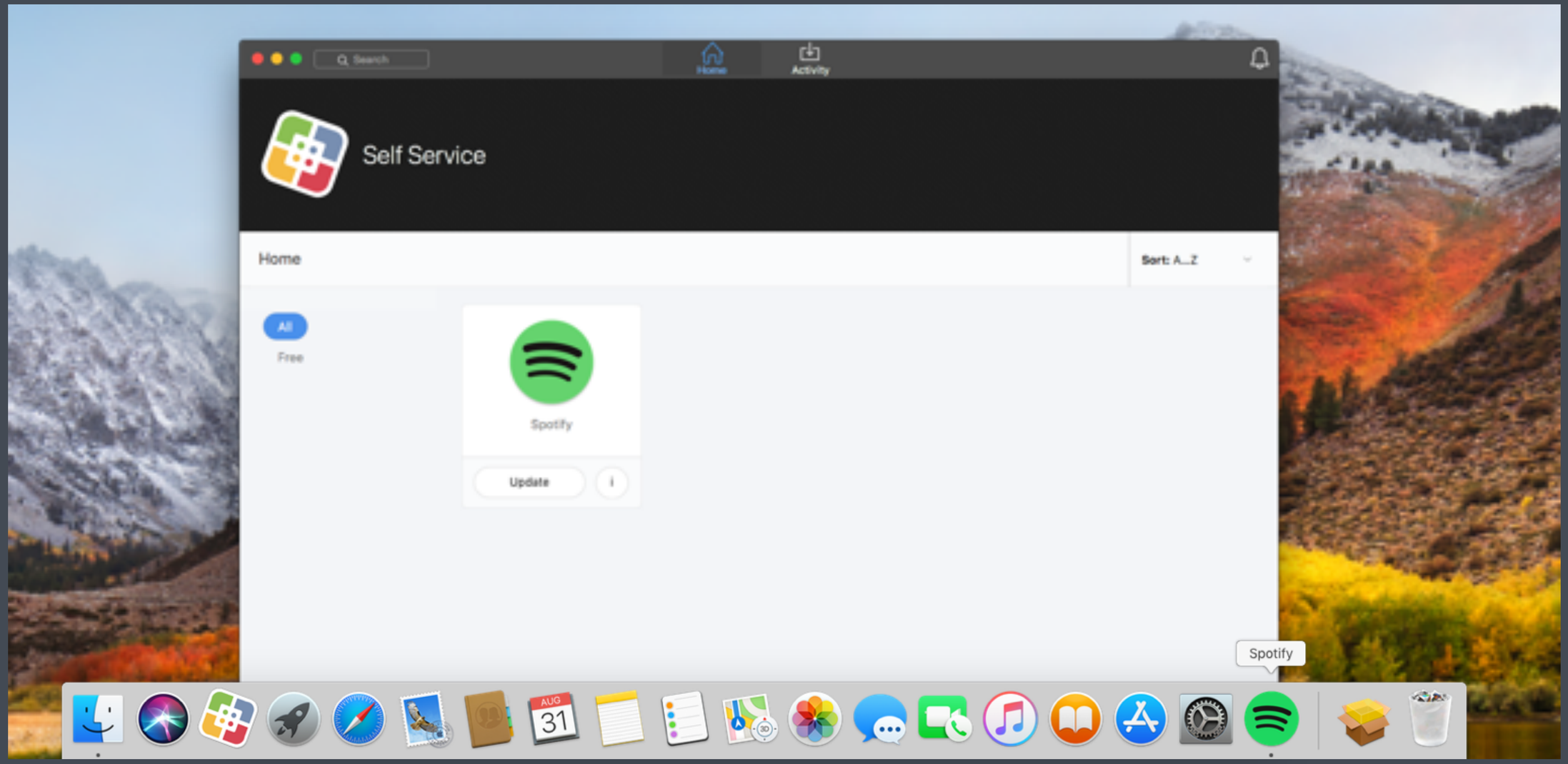

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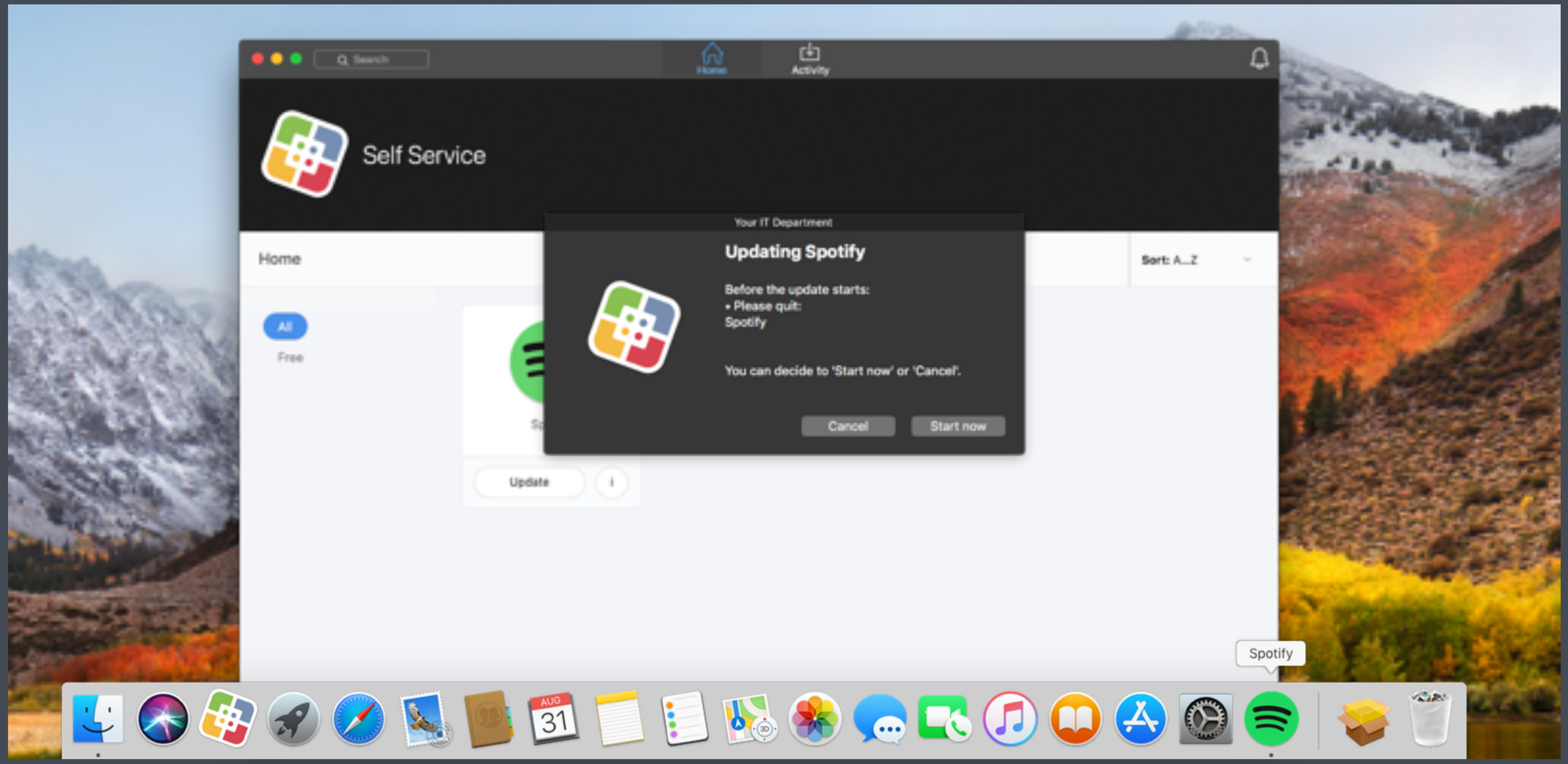

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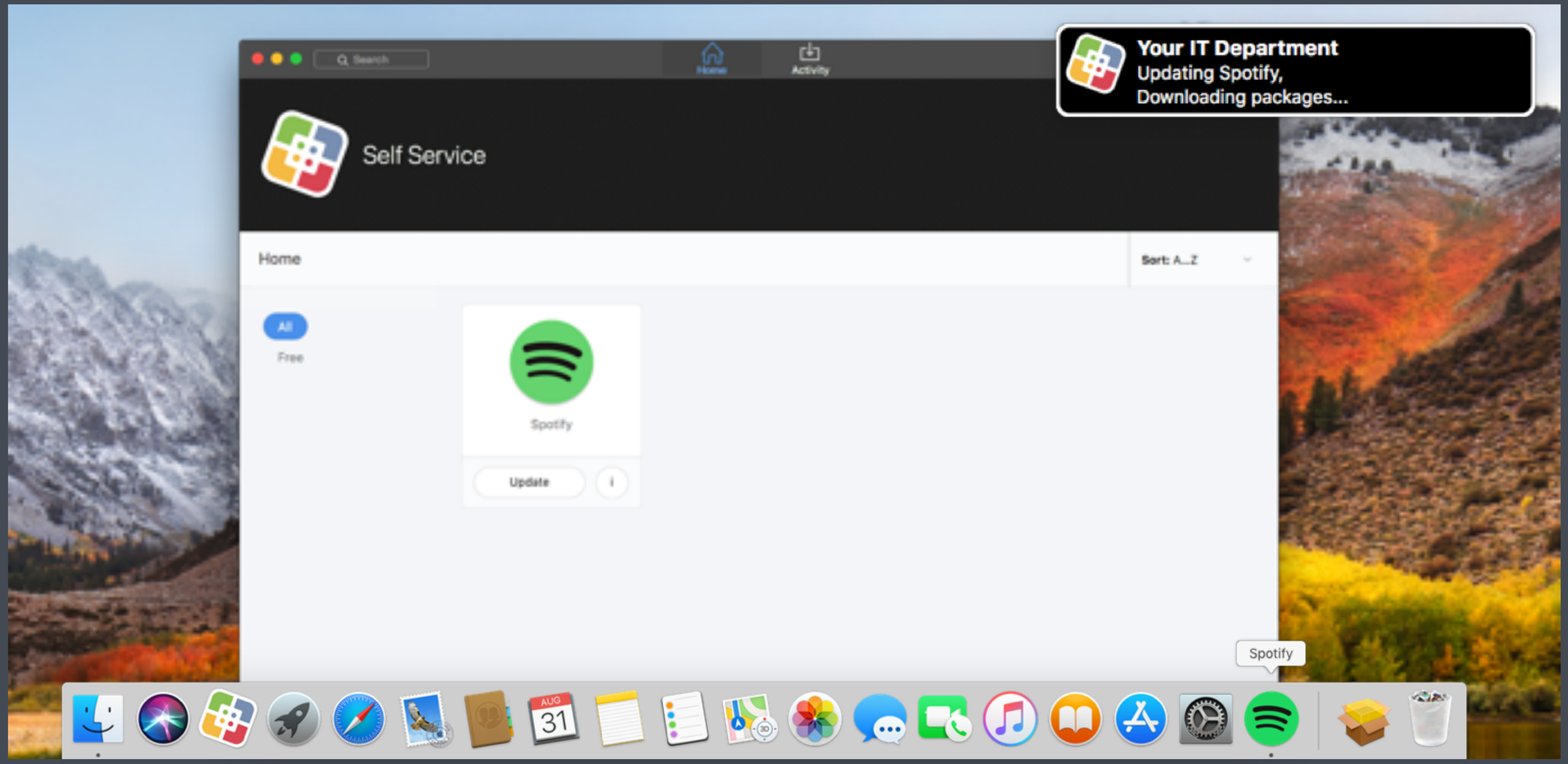

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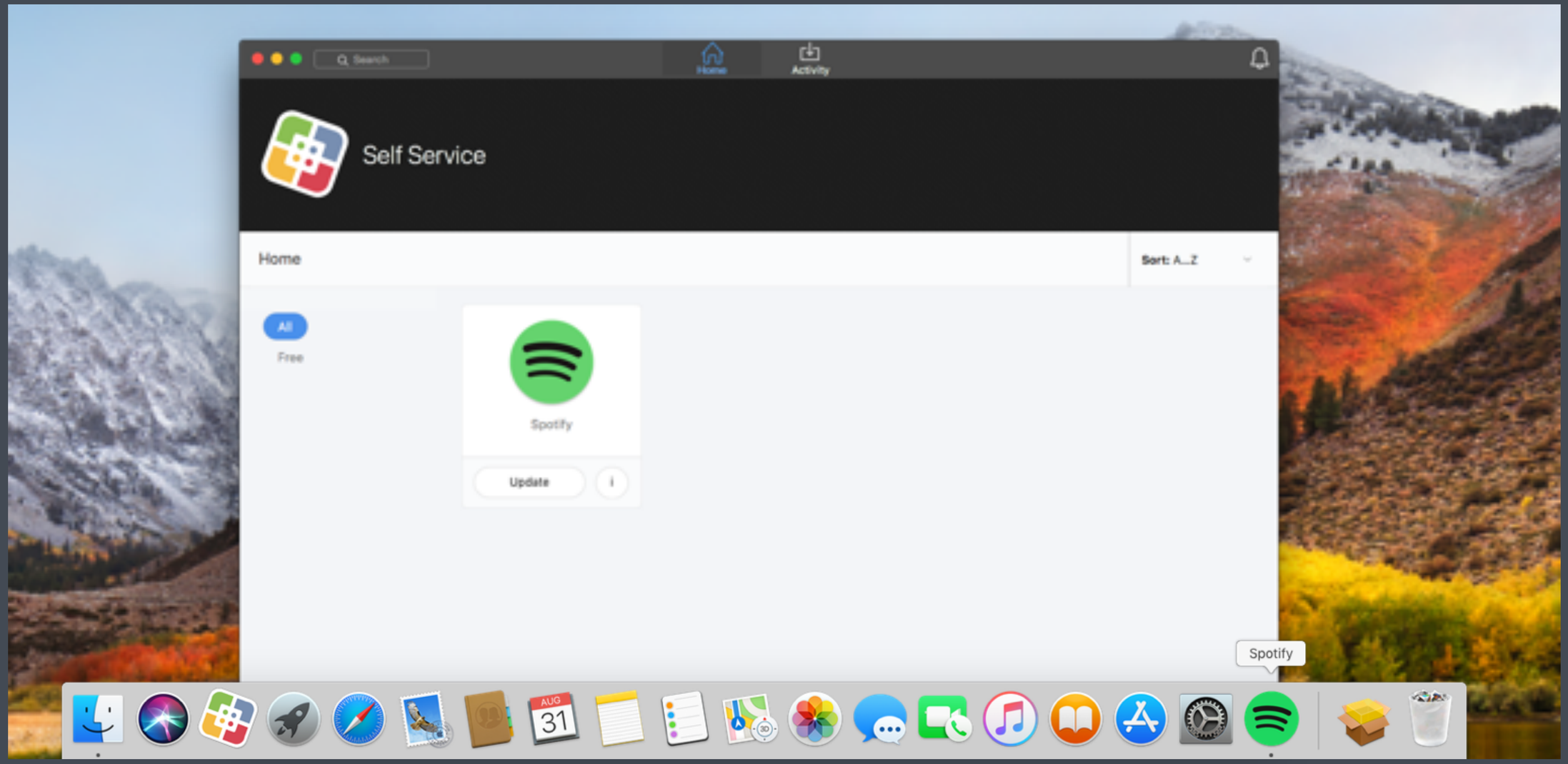

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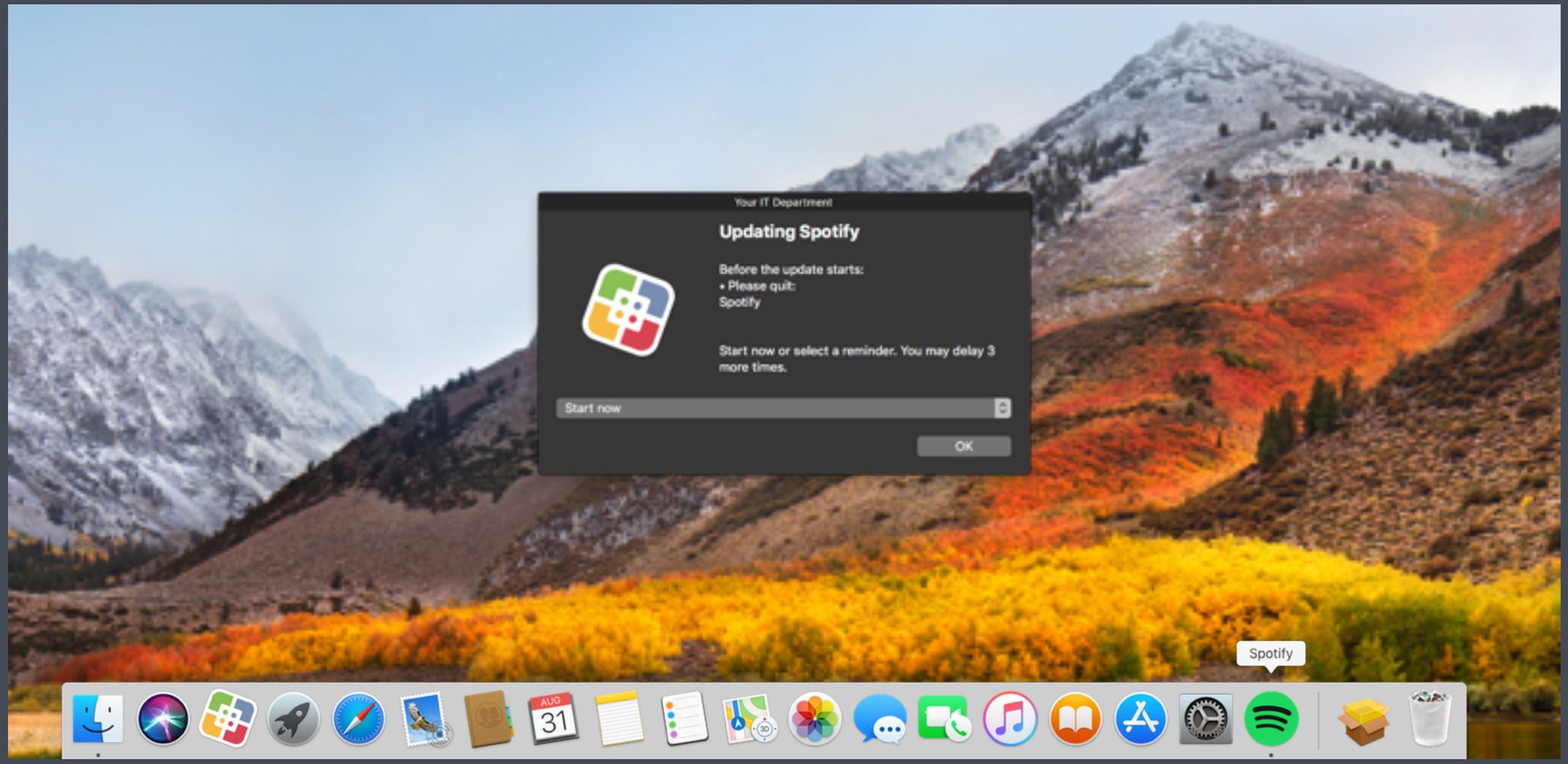

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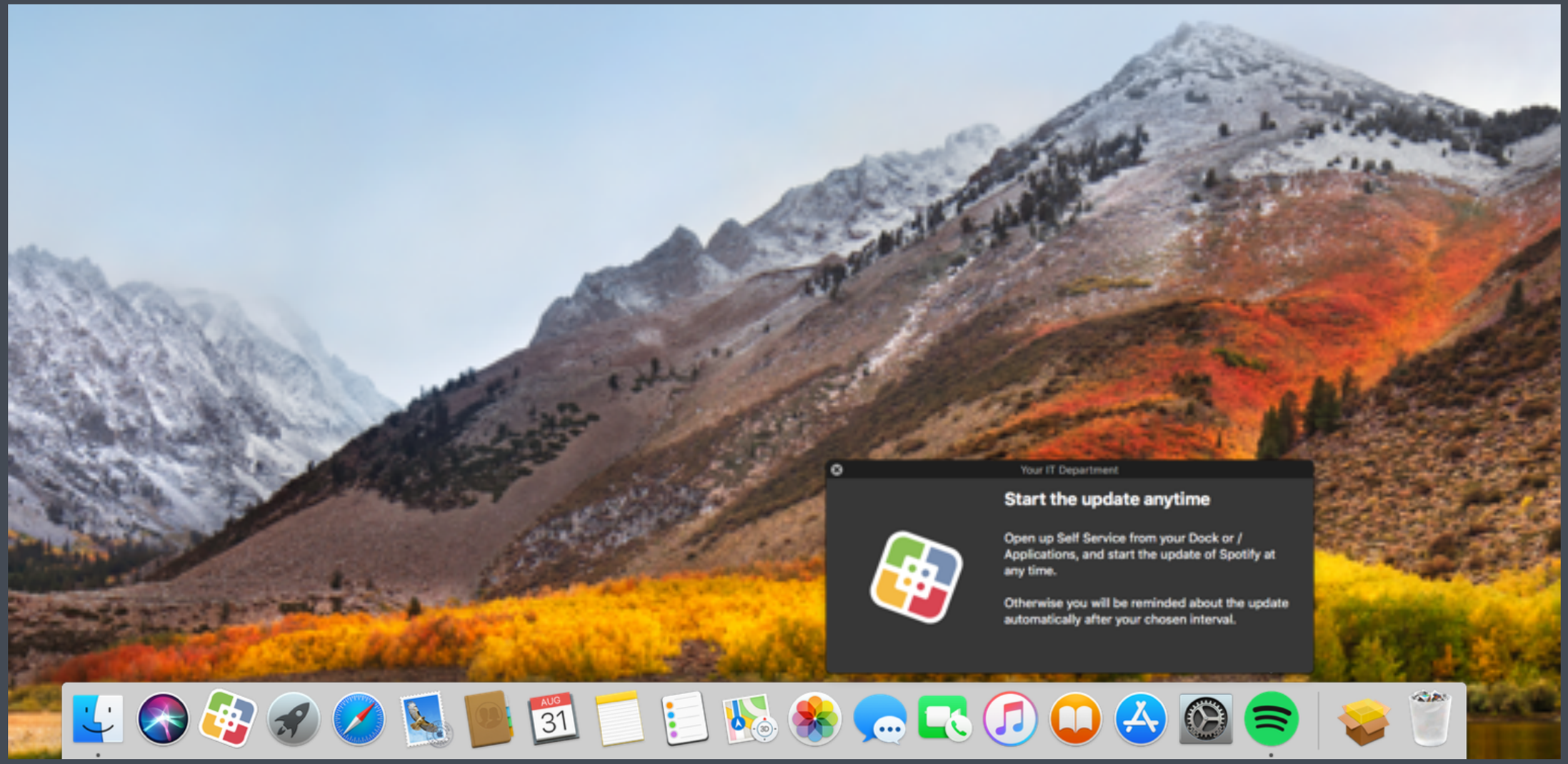

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How the deferral works

- Extension attribute looks in the deferral folder and returns active if there are plists in there.
- Smart group collects all the active ones
- On every check-in, computers in the group run a policy to check if enough time has passed then trigger the UEX policy

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jamfHelper

Pretty UI, simple buttons, dialogs, & countdowns.

```
/Library/Application
Support/JAMF/bin/
jamfHelper.app/Contents/
MacOS/jamfHelper -help
```

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cocoaDialog - markcarver - mstratman

Create macOS dialogs from the command line easily!

https://cocoadialog.com

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Please Wait - macbrained

Clean loading bar that can dynamically change.

https://github.com/macbrained/User-Interfaces

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Helper Agent Policies

- PLEASEWAITUPDATER
- UEXDEFERRALSERVICE
- UEXBLOCKAGENT
- UEXLOGOUTAGENT
- UEXRESTARTAGENT
- UEX_INVENTORY_UPDATE_AGENT

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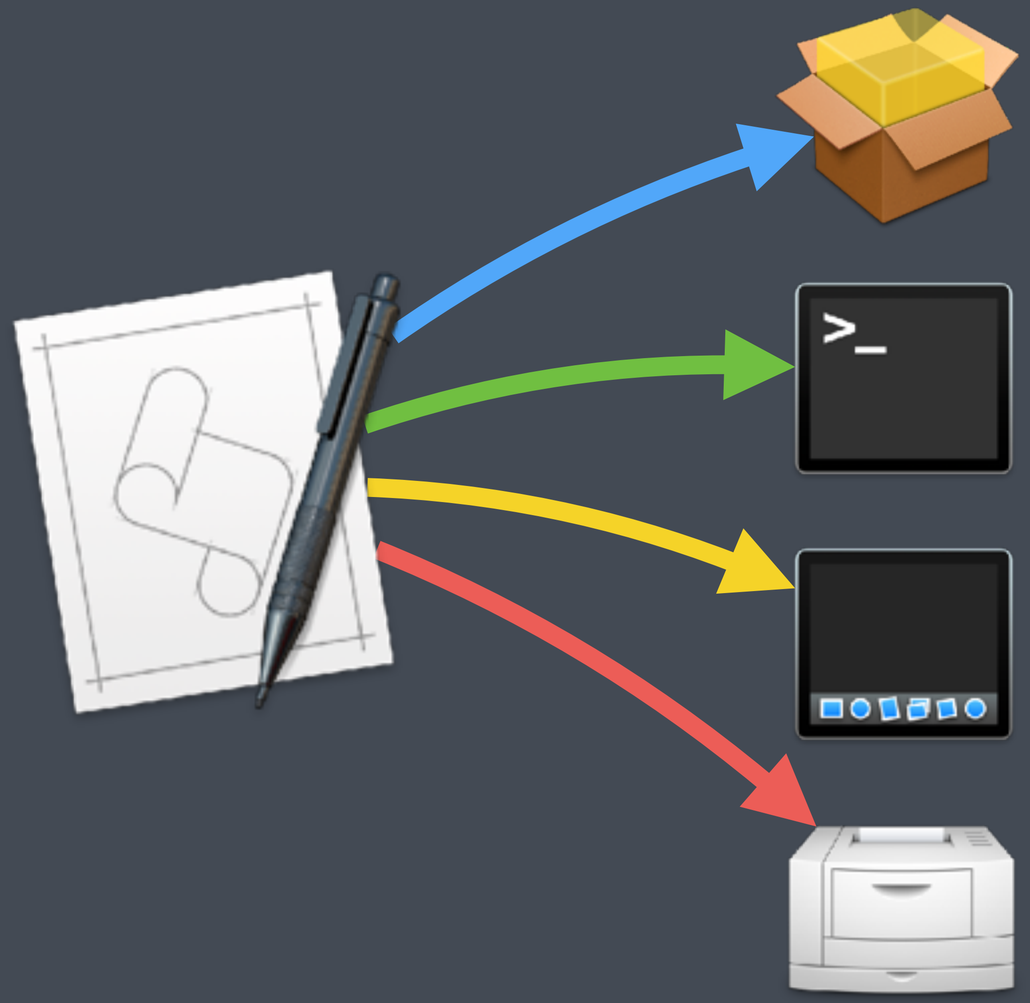

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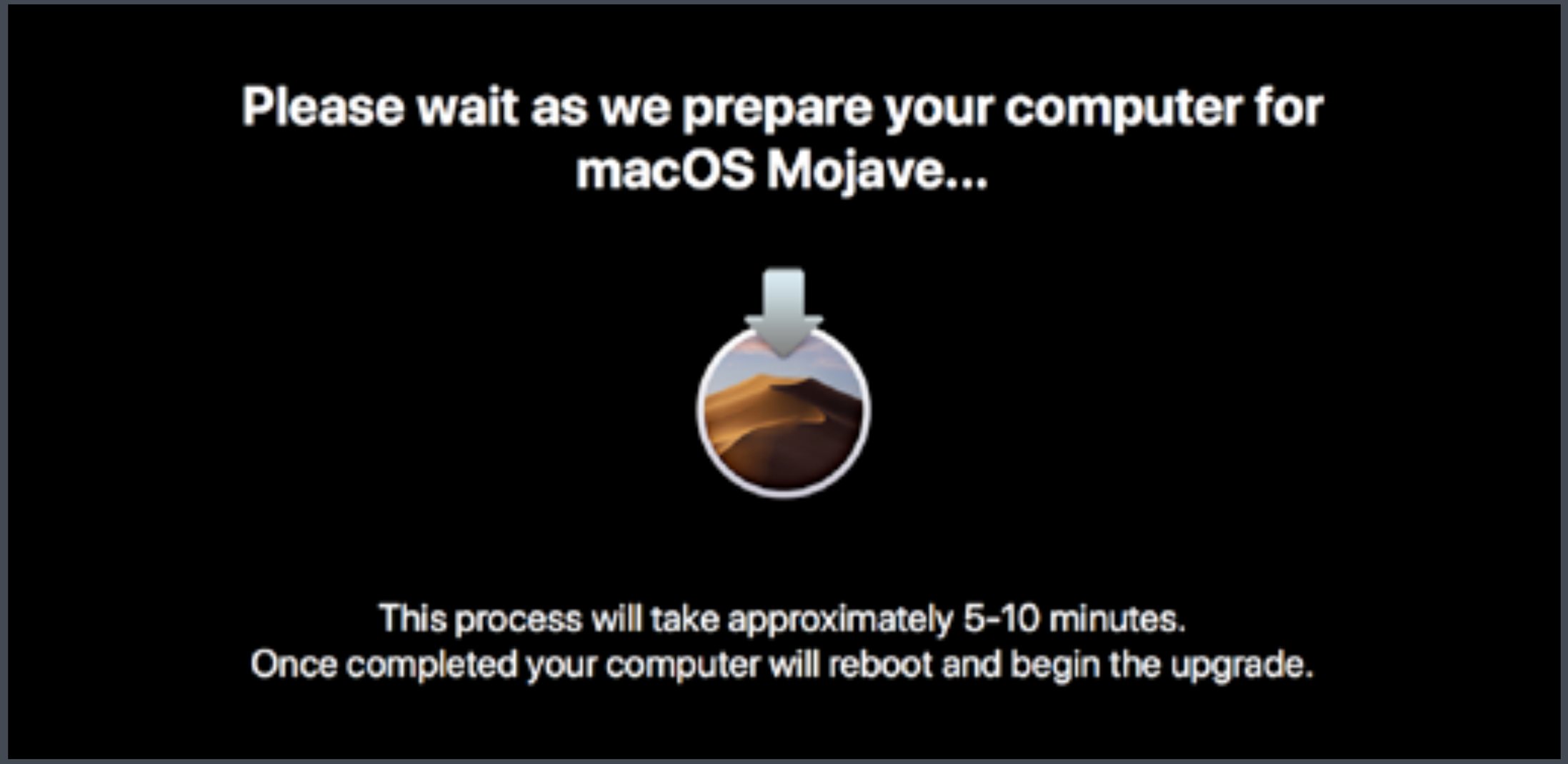

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Where do I get it?

https://github.com/cubandave/Jamf-Interaction-Toolkit

#uex-tool-for-jamf on Slack

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How do I set it up myself?

Uploading Components

- 1 main script
- 6 helper scripts + 1 package with tools
- 1 extension attribute
- Run Setup tool

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Updating Company Name

00-UEX-Jamf-Interaction-no-grep

00-uexblockagent-jss

00-uexlogoutagent-jss

00-uexrestartagent-jss

```
#!/bin/sh
loggedInUser=`/bin/ls -l /dev/console | /usr/bin/awk '{ print $3 }' | grep -v root`

##########################################################################################
##                                Parameters for Branding                               ##
##########################################################################################

title="Your IT Department"

# Jamf Pro 10 icon if you want another custom one then please update it here.
# or you can customize this with an image you've included in UEX resources or is already local on the c
customLogo="/Library/Application Support/JAMF/Jamf.app/Contents/Resources/AppIcon.icns"

# if you you jamf Pro 10 to brand the image for you self sevice icon will be here
# or you can customize this with an image you've included in UEX resources or is already local on the c
SelfServiceIcon="/Users/$loggedInUser/Library/Application Support/com.jamfsoftware.selfservice.mac/Docu

##########################################################################################
##########################################################################################
##                             DO NOT MAKE ANY CHANGES BELOW                            ##
##########################################################################################
##########################################################################################
#
# User experience Post installation script to be bundled with PKG.
#
# Version Number: 3.8
    uexvers=3.8
#
# Created Jan 18, 2016 by David Ramirez
#
# January 23rd, 2017 by
# DR = David Ramirez (David.Ramirez@adidas.com)
#
# Updated: Aug 27th, 2018 by
# DR = David Ramirez (David.Ramirez@adidas.com)
#
#
# Copyright (c) 2018 the adidas Group
# All rights reserved.
##########################################################################################
##########################################################################################
```

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Custom icons with files

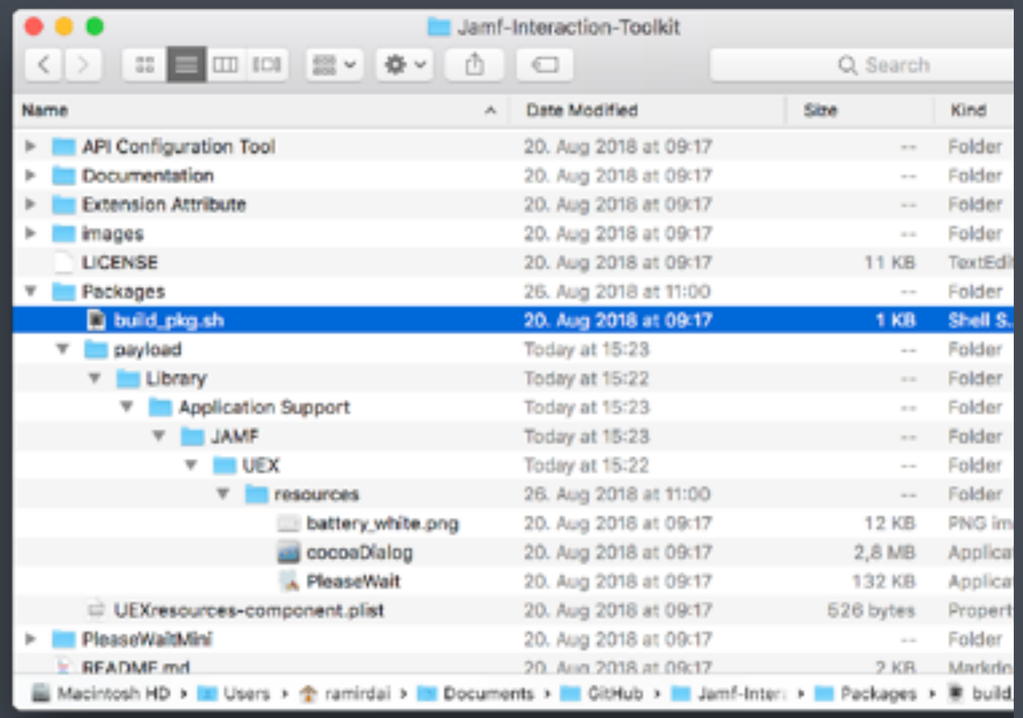
Add to the Payload folder

Set the owner:group to 'root:wheel'

```
chown root:wheel filename
```

Set permissions to 755

```
chmod 755 filename
```



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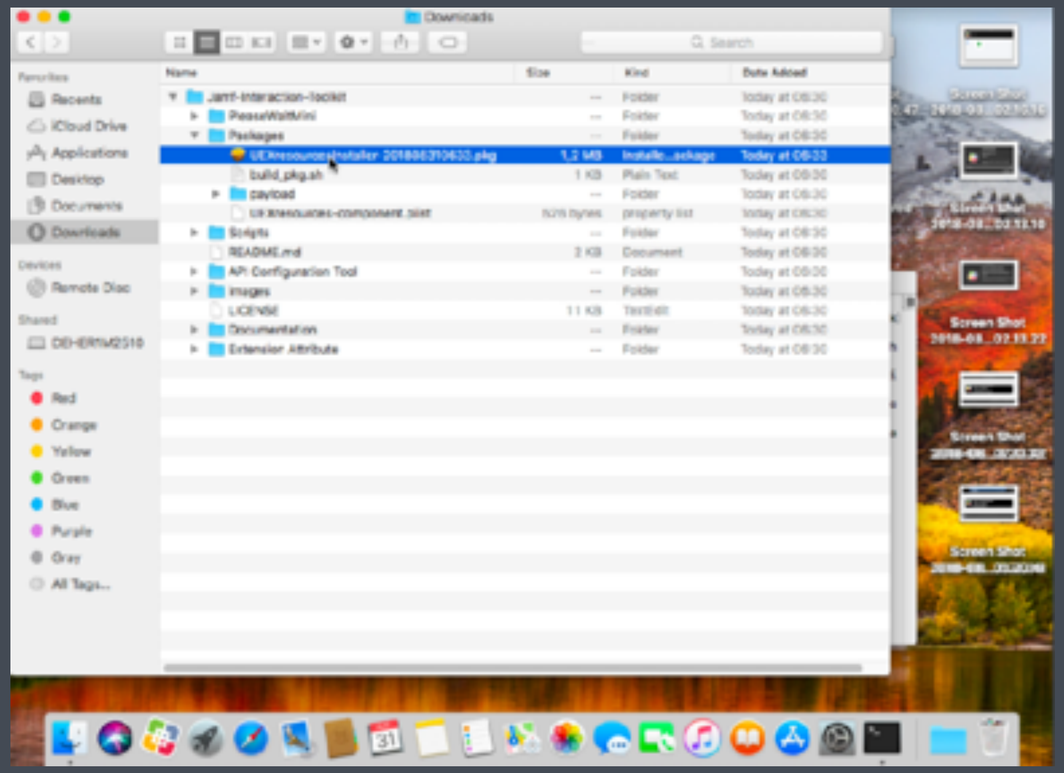
Building UEX Resources PKG

Run the build pkg script

Upload to the jamf Pro server

Don’t forget to add the path to the icons into the script



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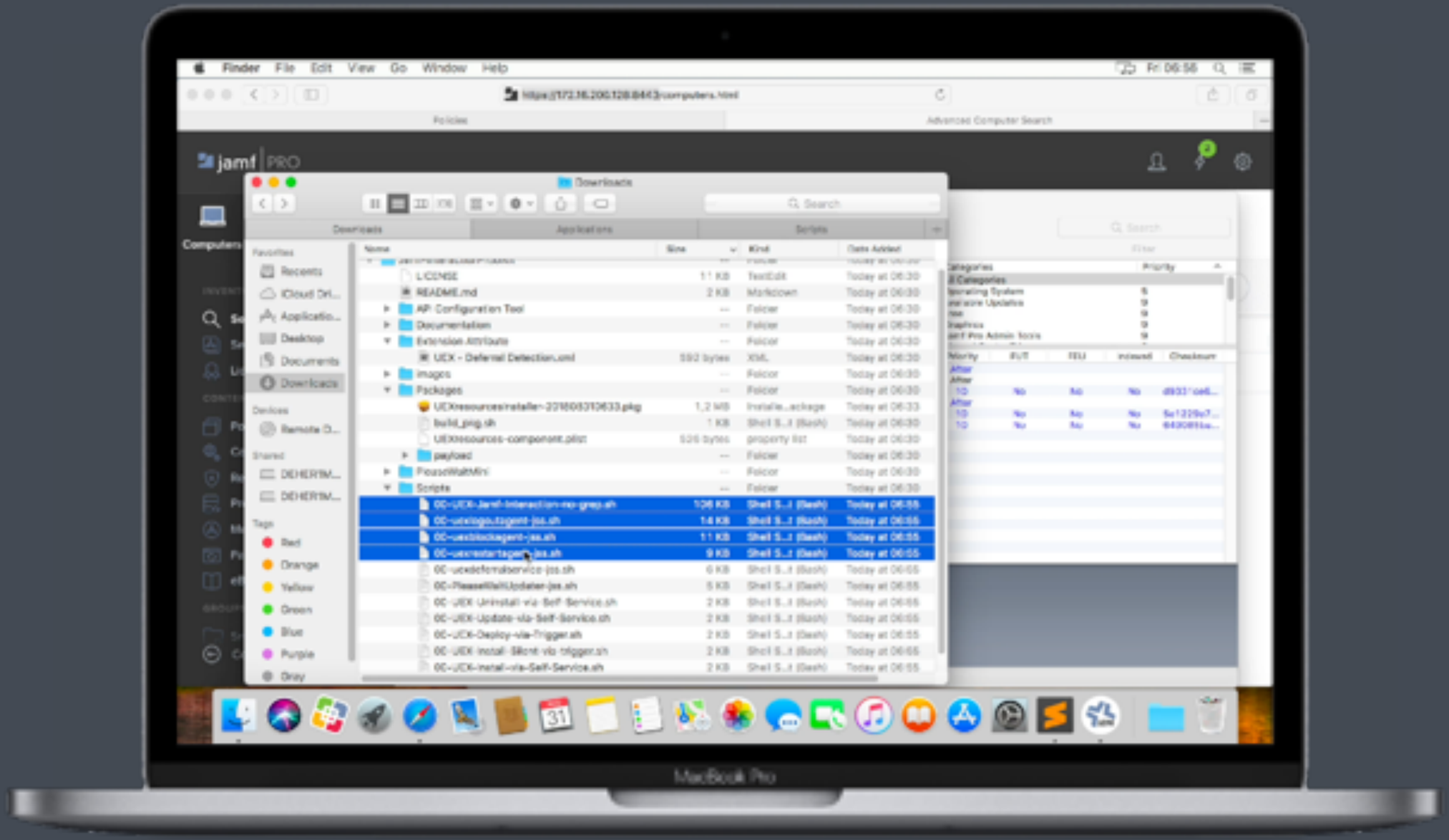

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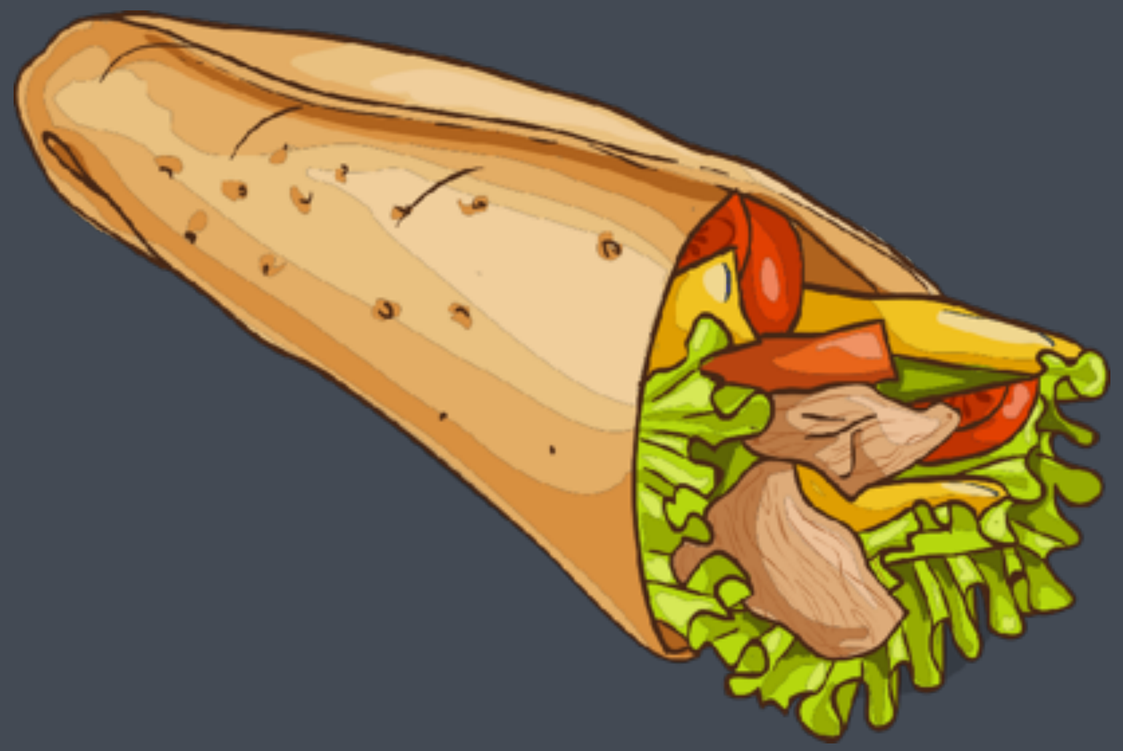
The world is your burrito!



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THANK YOU!

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