

# Microsoft macOS Experience & Lifecycle

Bryce Carlson - PSU Mac Admins 2023



# Agenda

- History
- Building Blocks
  - Desktop Apps
  - SSOe
  - Conditional Access
- Q&A



# History

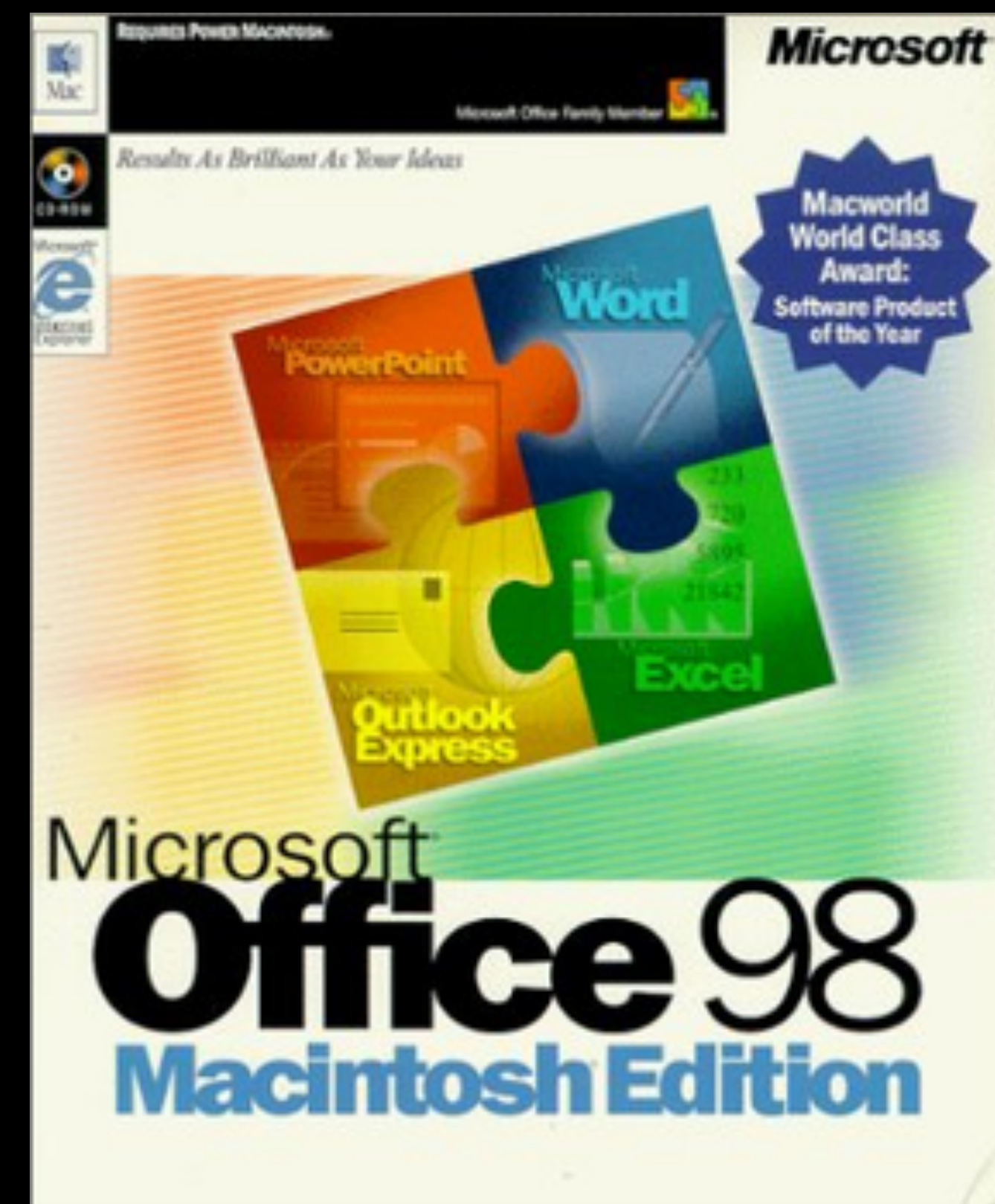
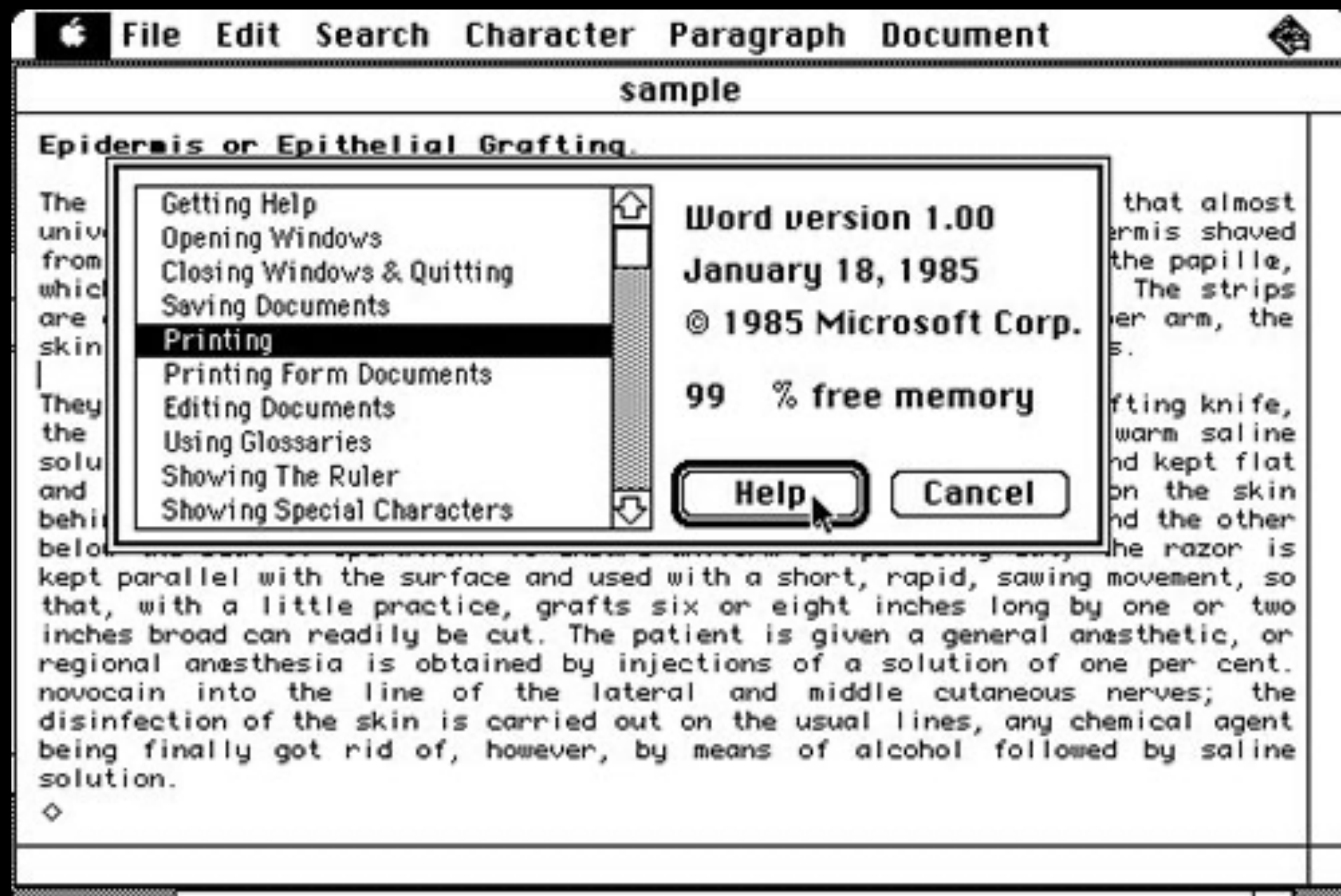


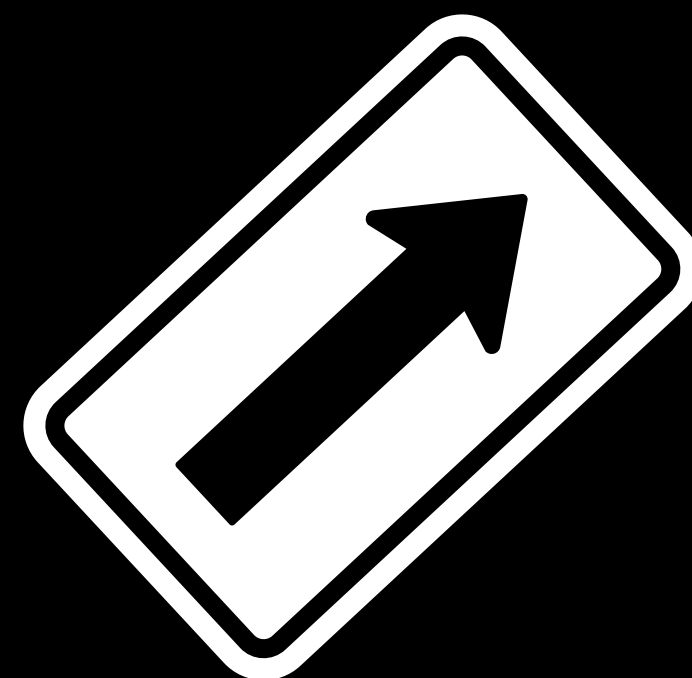
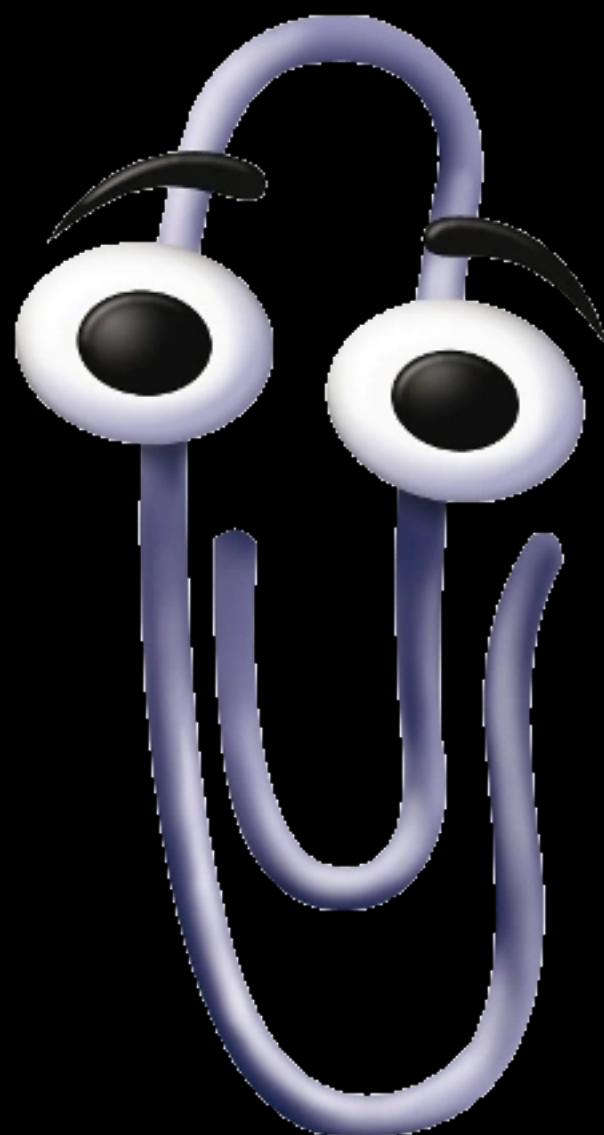
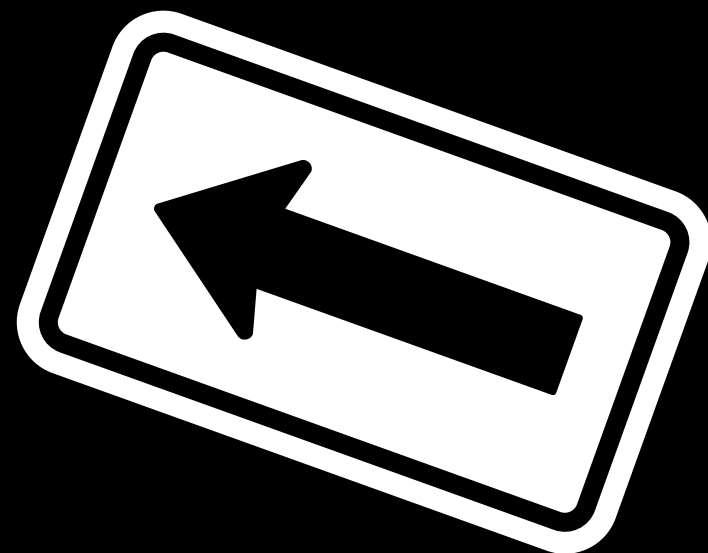
25 years and 11 months ago





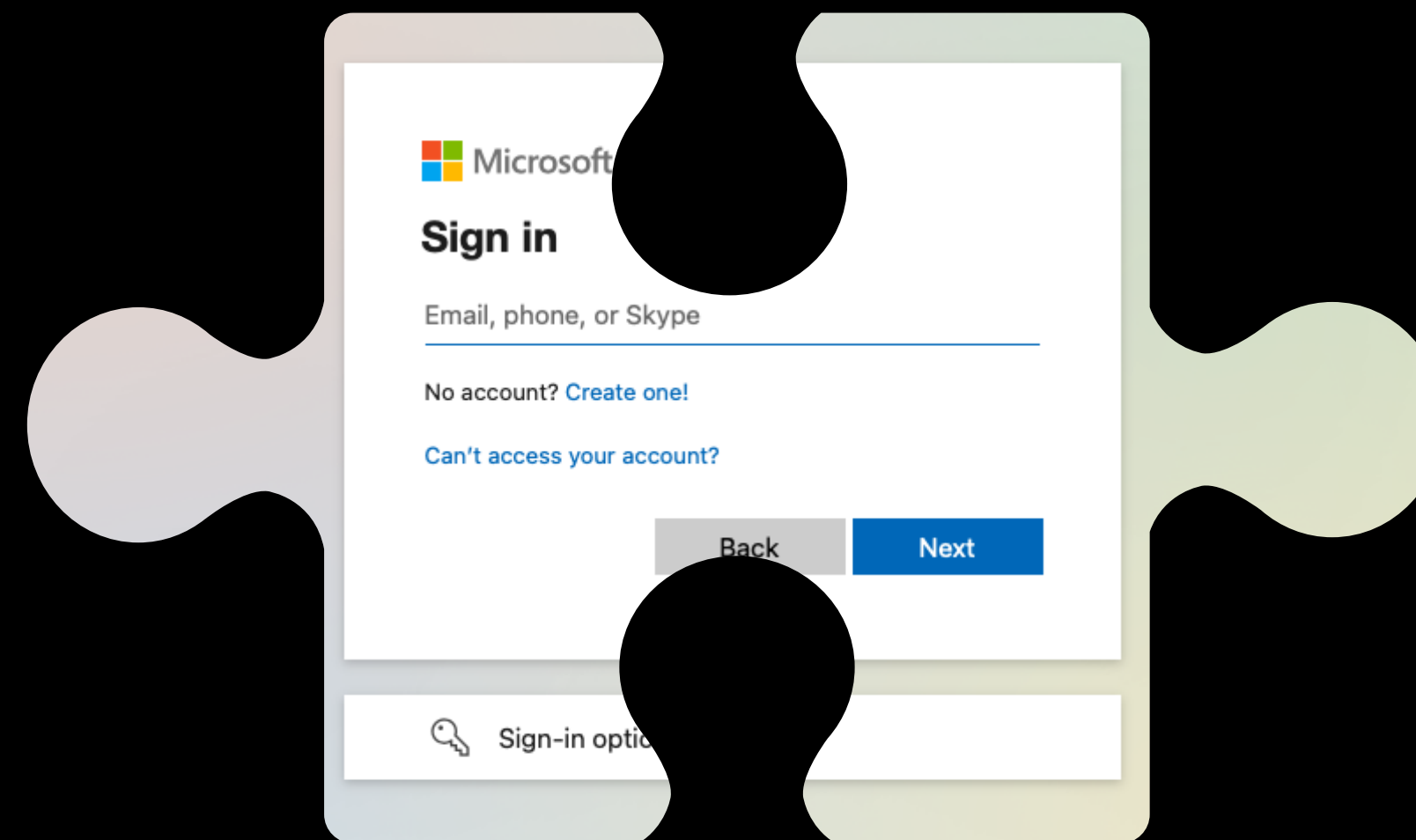
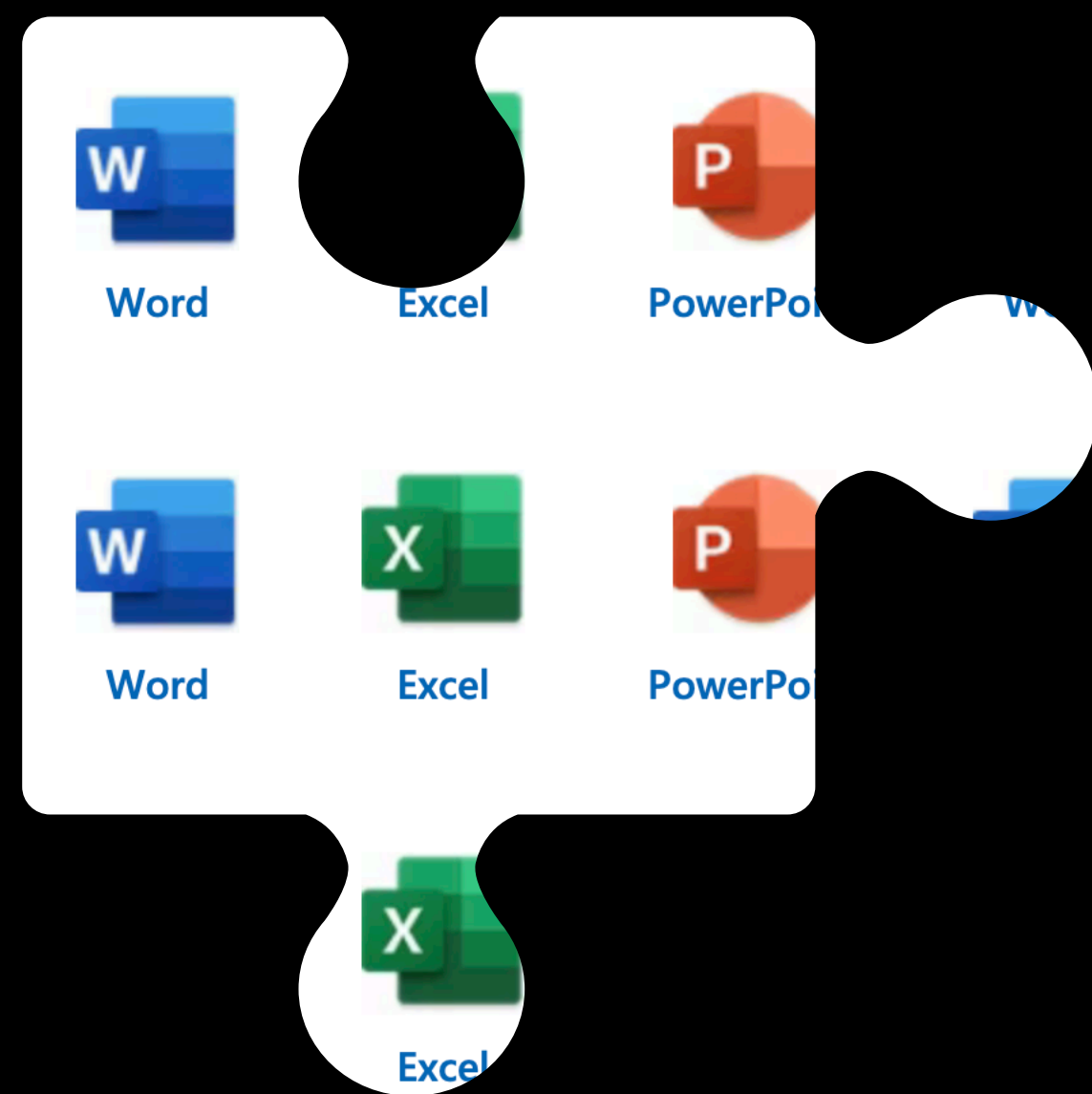
<b>App</b>	<b>Mac</b>	<b>Windows</b>	<b>Mac headstart</b>
<b>PowerPoint</b>	Apr 20, 1987	May 22, 1990	3 years, 1 month
<b>Excel</b>	Sep 30, 1985	Nov 19, 1987	2 years, 2 months
<b>Word</b>	Jan 18, 1985	Jan 8, 1990	5 years
<b>Office suite</b>	Jun 19, 1989	Oct 1, 1990	1 year, 3 months
<b>Outlook</b>	1997	1997	(tie)





# Building Blocks





# Desktop Apps

- Obtain
- Install
- Manage
- Update



Obtain

Microsoft Azure

Home > Licenses | All products > Microsoft 365 Apps for business

Microsoft 365 Apps for business | Service plan

General

Licensed users

Licensed groups

Service plan details

Microsoft 365 Apps for business

Microsoft 365 Apps for Business

Microsoft Forms (Plan E1)

Office for the Web

OneDrive for Business (Plan 1)

Sway

Whiteboard (Plan 1)

Choose the best productivity suite for your business

Compare and choose from a variety of plans designed for businesses like yours.

Office Home & Business 2021

\$249.99

(one-time purchase)

Buy now

One-time purchase for 1 PC or Mac

Classic 2021 versions of Word, Excel, PowerPoint, and Outlook

Microsoft support included for first 60 days at no extra cost

Desktop, apps

Word

Excel

PowerPoint

Outlook

Microsoft 365 Apps for business

\$8.25

user/month

(Annual subscription–auto renews)<sup>1</sup>

Buy now

Try free for one month >

Trial cancellations might apply<sup>2</sup>

Desktop versions of Microsoft 365 apps with premium features

1 TB of cloud storage per user

Standard security

Anytime phone and web support

Desktop, web, and mobile apps and services:

Word

Excel

PowerPoint

Outlook

OneDrive

Access (PC only)

Publisher (PC only)

Microsoft 365 Business Standard

\$12.50

user/month

(Annual subscription–auto renews)<sup>1</sup>

Buy now

Try free for one month >

Trial cancellations might apply<sup>2</sup>

Everything in Microsoft 365Apps for business, plus:

Chat, call, meet up to 300 attendees

Business-class email

Easily host webinars

Manage customer appointments

Desktop, web, and mobile apps and services:

Word

Excel

PowerPoint

Outlook

Teams

OneDrive

SharePoint

Exchange

Access (PC only)

Publisher (PC only)

Obtain

macadmins.software

DownloadsDocumentsToolsPreferencesMatrixMac App StoreMAU StatusmsupdateCalendarUpdate SizeCVE CounterSilicon/M1VideosArticlesA-Team

# Microsoft Mac Downloads










Page Last Updated: July 13, 2023 @ 12:18pm Pacific Time

All links on this page point to Microsoft's official download on its Content Delivery Network (CDN).

Office Product Release	License Type	Office Version	Build	Part Number	Download
Microsoft 365 Apps for Mac	Subscription	16.75.0	16.75.23070901 64-bit Universal 2	Subscription	<a href="#">Download</a>
Microsoft 365 Apps for Mac BusinessPro	Subscription	16.75.0	16.75.23070901 64-bit Universal 2	Subscription (inc Teams)	<a href="#">Download</a>
Office LTSC 2021 Volume License Serializer	Perpetual	16.75.0	VL Serializer 4.0 64-bit Universal 2	X22-74226	<a href="#">Download</a>
Office 2019 Volume License Serializer	Perpetual	16.75.0	VL Serializer 3.0 64-bit Universal 2	X22-61752	<a href="#">Download</a>
Office 2021/2019 Volume License	Perpetual	16.75.0	16.75.23070901 64-bit Universal 2	X21-74715	<a href="#">Download</a>
Office 2021/2019 Home & Student Retail	Perpetual	16.75.0	16.75.23070901 64-bit Universal 2	X21-74729	<a href="#">Download</a>

[2023 Calendar Now Available](#)

**Latest Installers** [Raw XML](#)

Latest Released Package	Last Updated	CFBundle Version	CFBundle ShortVersionString	CFBundle Identifier	Minimum OS	SHA256 Hash	Worldwide Download
Microsoft 365 and Office 2021/2019 Suite Installer <i>(Word / Excel / PowerPoint / Outlook / OneNote / OneDrive / MAU)</i>	July 11, 2023	16.75.23070901	16.75.0	NA	11.0	17bfbf5a5eb4756094172e14d3a6667bf41d396d082fd03b2d395013bc5310d4	
Microsoft 365 BusinessPro Suite Installer <i>(Word / Excel / PowerPoint / Outlook / OneNote / OneDrive / Teams / MAU)</i>	July 11, 2023	16.75.23070901	16.75.0	NA	11.0	064dc3584aaa5af035dbed2671b29238206bc7ab523ddbf88773cd4e5b20cf9	
Word 365/2021/2019 Standalone Installer	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.Word	11.0	560d24479bce0de72b50dc47f36b4734104378b3561814b18465522d72e45953	
Excel 365/2021/2019 Standalone Installer	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.Excel	11.0	9a49d52e856a0dcd063dbc1e90d26c32e9db83fb239a995a5f48c2eddf4dc6ce	
PowerPoint 365/2021/2019 Standalone Installer	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.Powerpoint	11.0	3ccbb84595b426a9e2d21f7aeb0f5e45a51703095d390dff59a997e0b85b7cac	
Outlook 365/2021/2019 Standalone Installer (Weekly) <a href="#">More info about weekly updates</a>	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.Outlook	11.0	d9ae98fd3d0bd6c4abf6d7f5ff19ce853391a0f8f5c22afe5abfe2092e558f86	
Outlook 365/2021/2019 Standalone Installer (Monthly)	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.Outlook	11.0	d9ae98fd3d0bd6c4abf6d7f5ff19ce853391a0f8f5c22afe5abfe2092e558f86	
OneNote Free Standalone Updater	July 11, 2023	16.75.23070901	16.75.0	com.microsoft.onenote.mac	11.0	c3d1e7539cb1c692a24327e069ca7b1447757b40d533c7d54d729e63d95d70de	
OneDrive Standalone Installer <a href="#">Release Notes</a>	July 9, 2023	23127.0618.0002	23.127.0618	com.microsoft.OneDrive	10.14	d263a119a0f3690f32bb8a4a45cc93b01219f23db416018de6535067e308f6f1	



macadmins.software/matrix/

DownloadsDocumentsToolsPreferencesMatrixMac App StoreMAU StatusmsupdateCalendarUpdate SizeCVE CounterSilicon/M1VideosArticlesA-Team

Microsoft Office for Mac - Features and Licensing Matrix

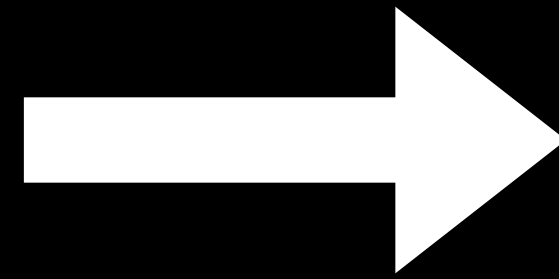
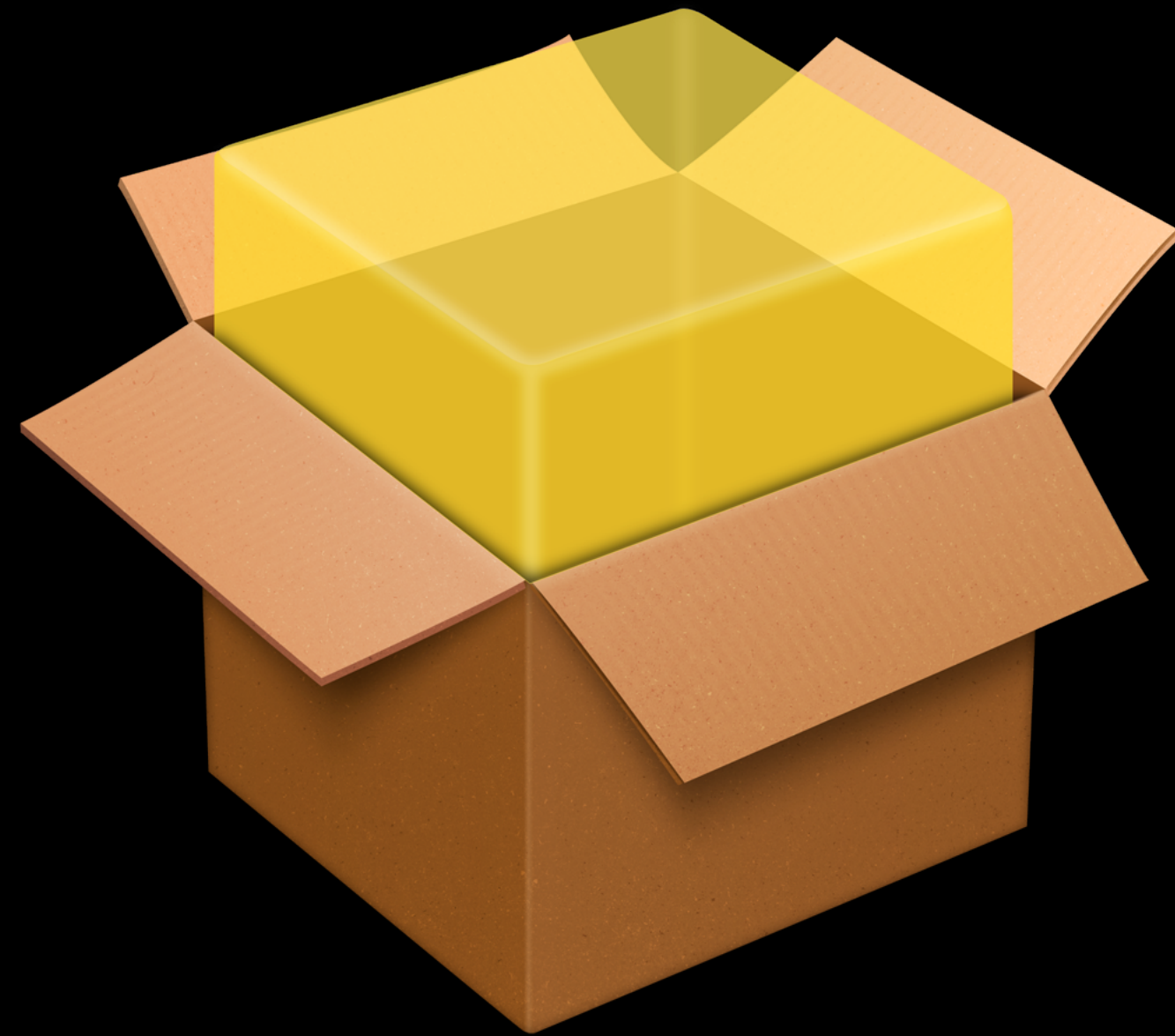
Page Last Updated: September 7, 2021 @ 10:54am Pacific Time

Debut Build	Feature Description	Application(s)	2016 VL	2019 VL	2021 VL	O365 Subscription	More Information	Screenshot	Comments
16.52	Update section names inline	PowerPoint	No	Yes	Yes	Yes		<a href="#">Image</a>	Double click on section names to quickly update
16.52	Support for inserting Flipgrid videos and shorts	PowerPoint	No	Yes	Yes	Yes	<a href="#">Link</a>		
16.52	Customizable themes, colors and accents	Outlook	No	Yes	Yes	Yes	<a href="#">Link</a>	<a href="#">Image</a>	
16.52	Manage data source settings and permissions (Power Query)	Excel	No	No	No	Yes	<a href="#">Link</a>		
16.51	Dark mode canvas	Word	No	Yes	Yes	Yes	<a href="#">Link</a>	<a href="#">Image</a>	
16.50	AutoSave and coauthoring on encrypted documents with sensitivity labels	Word;Excel;PowerPoint	No	No	No	Yes	<a href="#">Link</a>		
16.50	Insert video from online library (aka Stock Videos)	PowerPoint	No	No	No	Yes		<a href="#">Image</a>	
16.49	Linked data types	Excel	No	No	No	Yes	<a href="#">Link</a>		
16.49	Editor (writing suggestions)	Word;Outlook	No	No	No	Yes			
16.49	Dictate messages with voice commands	Word;Outlook	No	No	No	Yes		<a href="#">Image</a>	Microphone icon in the ribbon of the compose window
16.49	Share message to Teams	Outlook	No	Yes	Yes	Yes			Share to Teams icon in the ribbon
16.49	Refreshed start screen using Fluent design language	Word;Excel;PowerPoint	No	Yes	Yes	Yes	<a href="#">Link</a>		Requires macOS Big Sur or later
16.48	Unhide multiple sheets	Excel	No	Yes	Yes	Yes	<a href="#">Link</a>	<a href="#">Image</a>	
16.48	Rehearse with Presenter Coach	PowerPoint	No	No	No	Yes	<a href="#">Link</a>	<a href="#">Image</a>	
16.47	Record Slide Show improvements	PowerPoint	No	Yes	Yes	Yes	<a href="#">Link</a>		
16.46	Export slides as animated GIF	PowerPoint	No	No	No	Yes		<a href="#">Image</a>	
16.45	Auto-apply or recommend sensitivity labels	Word;Excel;PowerPoint;Outlook	No	No	No	Yes	<a href="#">Link</a>		
16.44	Use the Watch Window to view the result of a formula or cell	Excel	No	No	No	Yes	<a href="#">Link</a>		
16.44	Present slide show in a window	PowerPoint	No	Yes	Yes	Yes	<a href="#">Link</a>		
16.43	Improved search for content	PowerPoint	No	Yes	Yes	Yes			
16.42	New Outlook interface	Outlook	No	Yes	Yes	Yes	<a href="#">Link</a>		Users in classic Outlook will be asked if they want to opt-in
16.42	O365 Groups in Outlook for Mac now support classification labels	Outlook	No	No	No	Yes	<a href="#">Link</a>		See section: October 14, 2019 release
16.42	Stock Images	Word;Excel;PowerPoint	No	No	No	Yes	<a href="#">Link</a>	<a href="#">Image</a>	
16.42	Improved audio recording experience	PowerPoint	No	Yes	Yes	Yes			
16.42	Visio Data Visualizer	Excel	No	Yes	Yes	Yes	<a href="#">Link</a>		

Side Bar

# Install

*\*Microsoft 365 Business Pro Suite*



# Install

*\*Microsoft 365 Business Pro Suite*



```
sudo installer -pkg /path/to/  
Microsoft_365_and_Office_16.75.23070901_BusinessPro_Installer.pkg  
-target /
```

# Install

*\*Microsoft 365 Business Pro Suite*

Untitled

Install Packages

Template: 

None

Packages

Microsoft\_365\_and\_Office\_16.75.23070901\_BusinessPro\_Installer

+

—

Drag packages into the list or click "+" to locate them.

After installation:

☒ Don't restart

☐ Attempt restart, allow users to save documents

☐ Force an immediate restart

Run this task from:

☒ This application

☐ The Task Server on this computer

If a problem occurs:

☐ Stop the copy on all targets

Security:

☒ Encrypt network data

☐ Allow untrusted certificates

Network usage:

☐ Limit to  kilobytes per second

Name

^

Status

addigy-test-mac-miniOffline

homestead-mac-miniOffline

Mary's MacBook ProOffline

3 computers

Schedule...

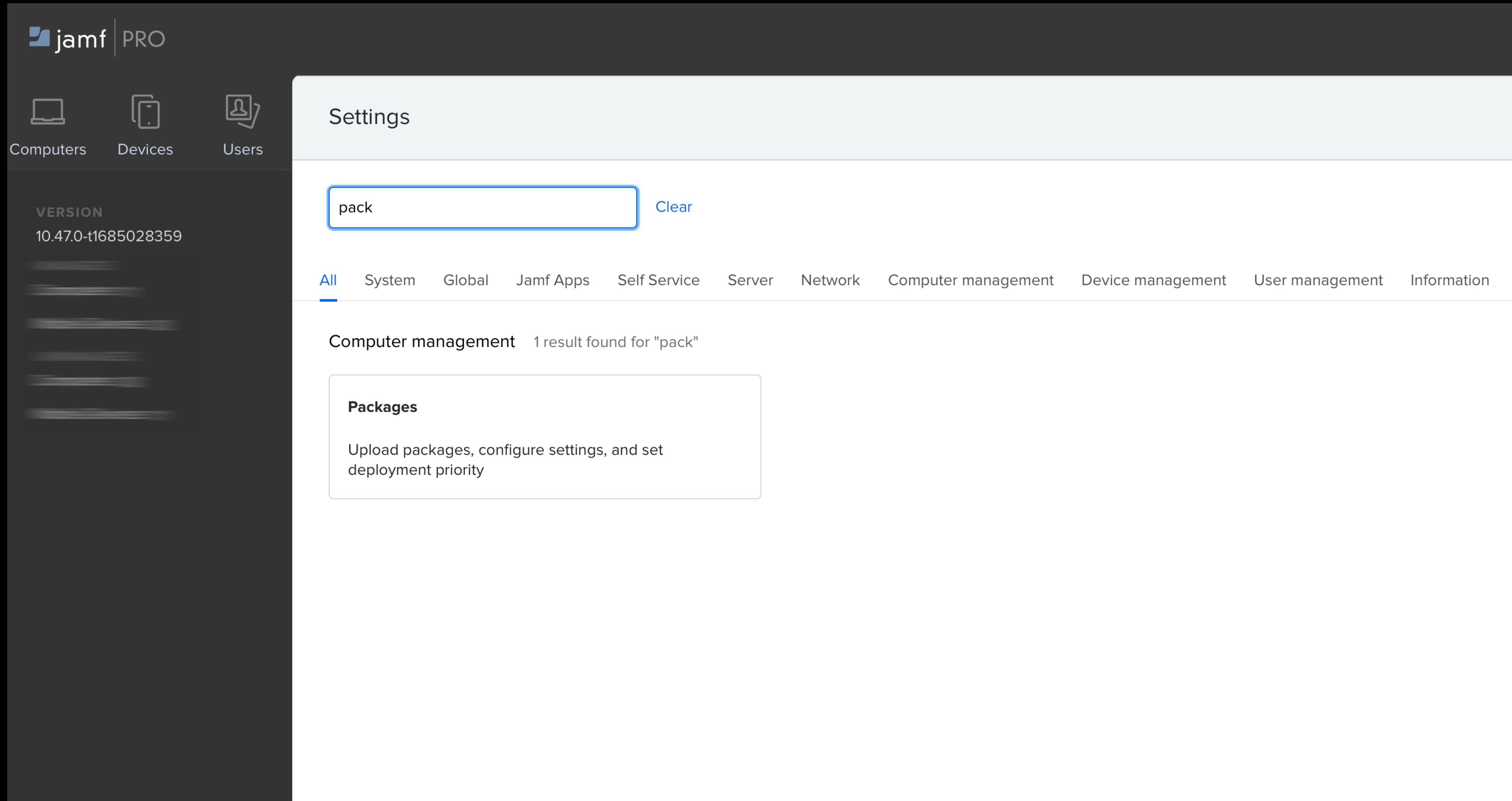
Save

Install



# Install

*\*Microsoft 365 Business Pro Suite*



# Install

*\*Microsoft 365 Business Pro Suite*

jamf

PRO

Computers

Devices

Users

VERSION

10.47.0-t1685028359

Settings : Computer management > Packages

←

New Package

General

Options

Limitations

Display Name

Display name for the package

Microsoft\_365\_and\_Office\_16.75.23070901\_BusinessPro\_Installer-2.pkg

Category

Category to add the package to

Application

Filename

Filename of the package on the distribution point (e.g. "MyPackage.pkg")

Choose File

Microsoft\_365\_and\_Office\_16.75.23070901\_BusinessPro\_Installer-2.pkg

Manifest File

Upload Manifest File

Info

Information to display to the administrator when the package is deployed or uninstalled

Microsoft Office full suite installer

Notes

Notes to display about the package (e.g. who built it and when it was built)

Vanilla installer from Microsoft



# Install

*\*Microsoft 365 Business Pro Suite*

jamf | PRO

Computers

Devices

Users

INVENTORY

Search Inventory

Search Volume Content

Licensed Software

CONTENT MANAGEMENT

Policies

Configuration Profiles

Restricted Software

Mac Apps

Patch Management

eBooks

GROUPS

Smart Computer Groups

Static Computer Groups

Classes

ENROLLMENT

Enrollment Invitations

PreStage Enrollments

SETTINGS

Computers : Policies

←

New Policy

Options

Scope

Self Service

User Interaction

General

Packages

1 Package

>

Software Updates

Not Configured

Scripts

0 Scripts

Printers

0 Printers

Disk Encryption

Not Configured

Dock Items

0 Dock Items

Local Accounts

0 Accounts

Packages

Distribution Point

Distribution point to download the package(s) from

Each computer's default distribution point

Microsoft\_365\_and\_Office\_16.75.23070901\_BusinessPro\_Installer-2.pkg

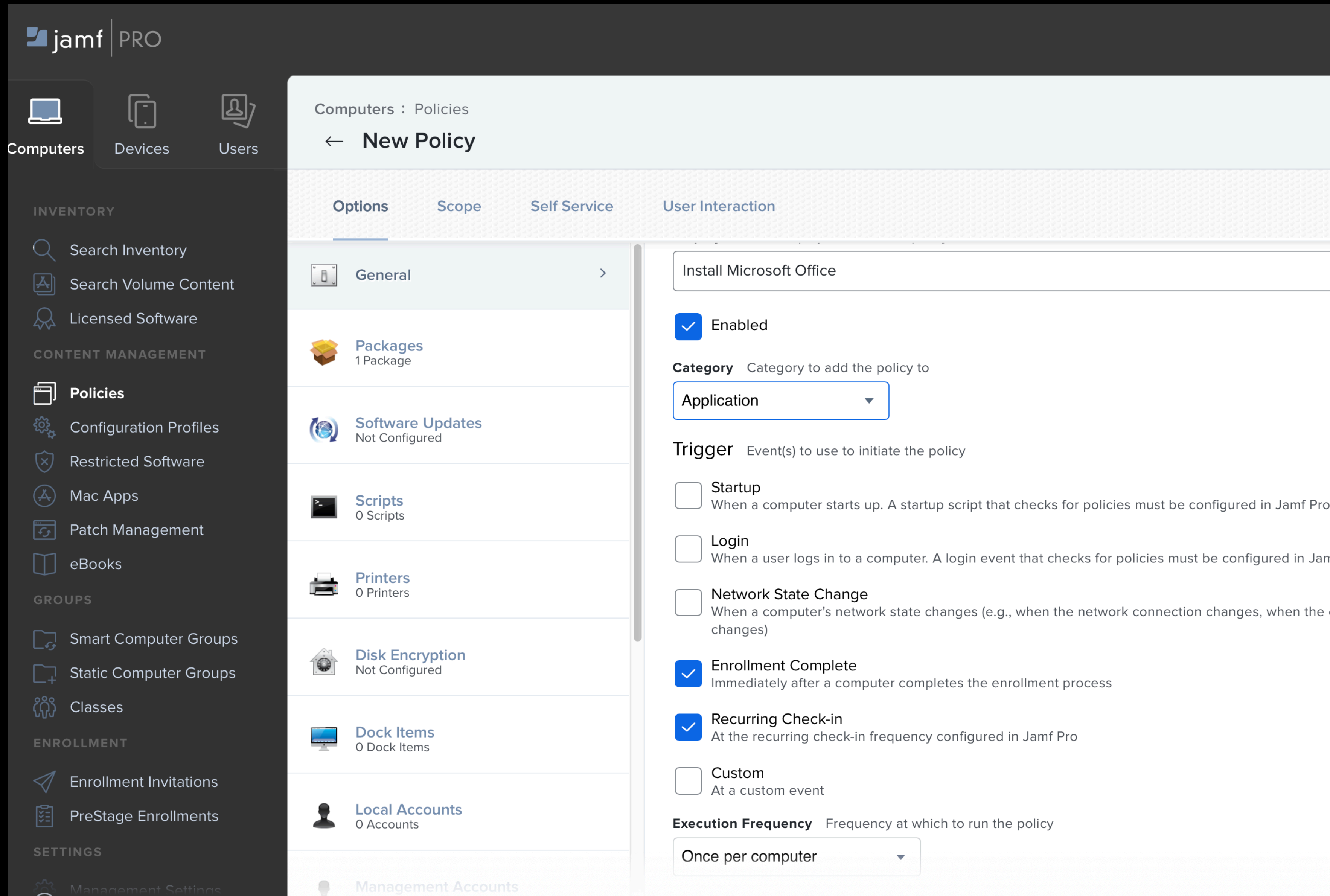
Action

Action to take on computers

Install


# Install


*\*Microsoft 365 Business Pro Suite*





# Install


*\*Microsoft 365 Business Pro Suite*





 Dashboards >


 Devices >

 Add Devices

 Policies

 Catalog

 Monitoring

 Community >

Catalog

Saved and reusable items for your policies. Any changes to an item will affect all uses.

MDM Profiles

Software

Monitoring

Maintenance

Custom Facts

Self Service

OS Users

Compliance

Smart Software

Public Library


Manage software deployments from the public library to your policy's devices.


Microsoft Office


Actions	Name ↑	Uploaded by
...	Microsoft Office (16.75)	Addigy
...	Microsoft Office (16.74)	Addigy
...	Microsoft Office (16.73)	Addigy
...	Microsoft Office (16.72)	Addigy
...	Microsoft Office (16.71)	Addigy
...	Microsoft Office (16.70)	Addigy
...	Microsoft Office (16.69)	Addigy
...	Microsoft Office (16.68)	Addigy
...	Microsoft Office (16.67)	Addigy


# Install


*\*Microsoft 365 Business Pro Suite*





 Dashboards >


 Devices >

 Add Devices

 Policies

 Catalog

 Monitoring

 Community >

Catalog

MDM Profiles

Software

Smart Software

Manage software deployment

Microsoft Office

Actions	Name
...	Microsoft Office (16.75)
...	Microsoft Office (16.74)
...	Microsoft Office (16.73)
...	Microsoft Office (16.72)
...	Microsoft Office (16.71)

Item Policies

software: Microsoft Office (16.75)

Assign to Policies

The item will be deployed to supported devices in each policy and any child policies.

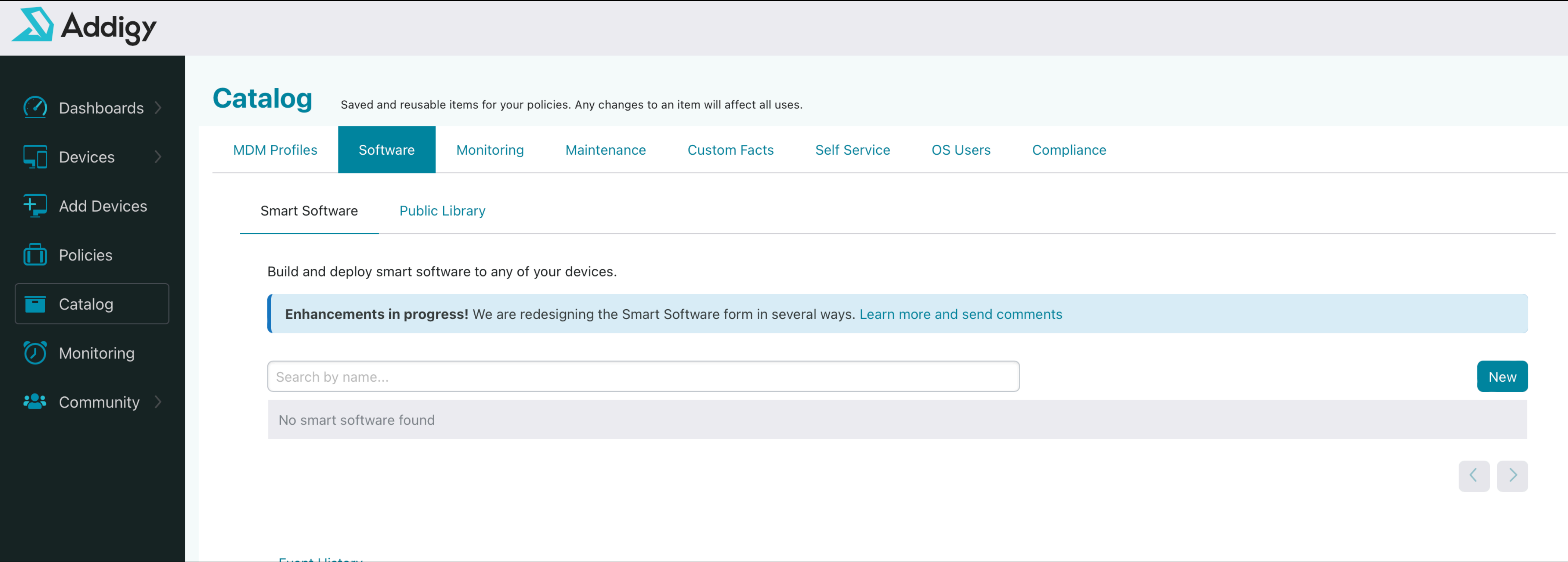
☐ Carlson, Inc.

☐ Globodyne Corp.

Cancel

# Install

*\*Microsoft 365 Business Pro Suite*





# Install

\*Microsoft 365 Business Pro Suite

A

Das

Dev

Add

Pol

Cat

Mo

Cor

Sup

Acc

New Smart Software

Enhancements in progress! We are redesigning the Smart Software form in several ways. [Learn more and send comments](#)

Microsoft Office

\*

Version\*

16.75.23070901

This software name cannot be changed after creation

Installation 1

Files and installation command

Filename	Install Command	Add Profiles	Remove
Microsoft_365_and_Office_16.75.23070901_BusinessPro_Installer-2.pkg	Add	2 apps found	

Select File(s)

All files will be downloaded first using LANCache (once per network)

Installation Command ? required

Runs after files are downloaded

1 /usr/sbin/installer -pkg "/Library/Addigy/ansible/packages/Microsoft Office (16.75.23070901)/Microsoft\_365\_and\_Office\_16.75.23070901\_Bus

2

Download folder: /Library/Addigy/ansible/packages/Microsoft Office (16.75.23070901)

Priority Order

10

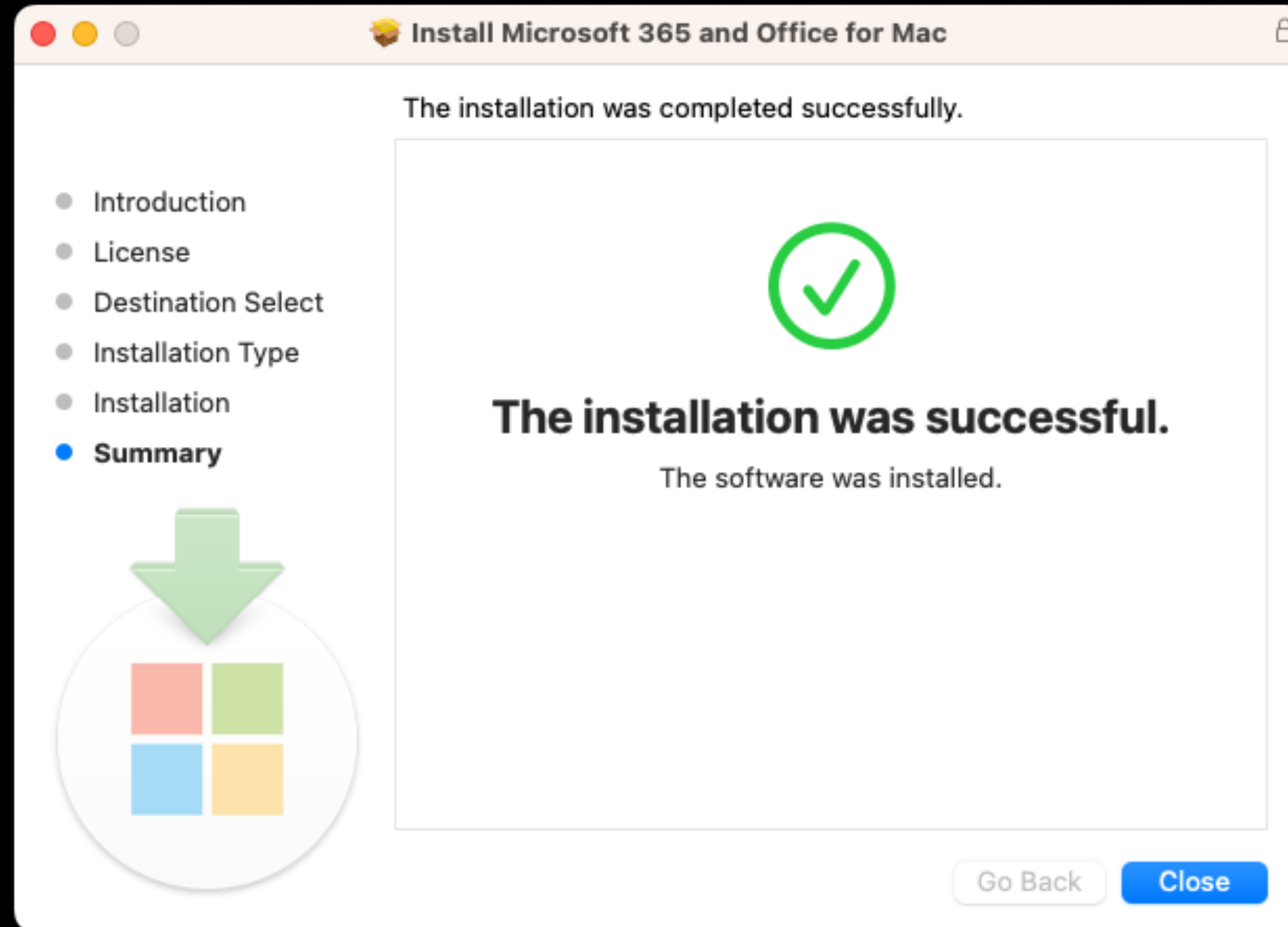
?

Attached Profiles

PPPC, Service Management, System Extension

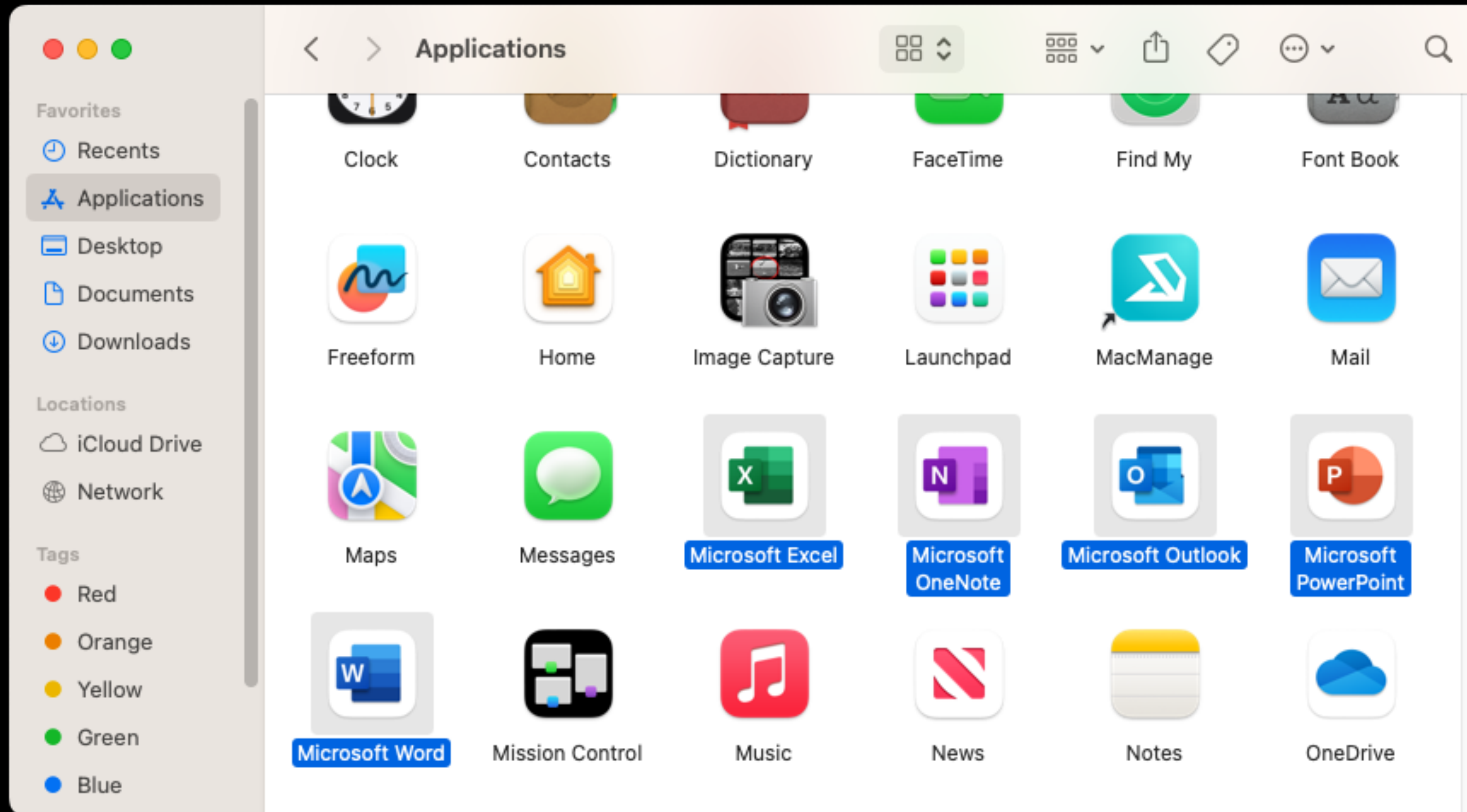
# Install

*\*Microsoft 365 Business Pro Suite*



# Install

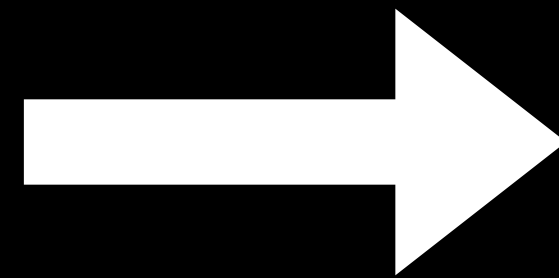
*\*Microsoft 365 Business Pro Suite*







# Manage



# Manage



docs.google.com/spreadsheets/d/1ESX5td0y0OP3jdzZ-C2Sltm-TUI-ia\_bcHCBvaoCumw/edit#gid=0

Office for Mac Preference Keys

File Edit View Insert Format Data Tools Extensions Help

Comment only

A1 Application

	A	B	C	D	E	F	G	H	I
1	Application	Domain	Key	Type	Profile Manageable	Supported Software Version	Default Value	Comments	Example Command
2	Other	com.microsoft.autoupdate.fba	SendAllTelemetryEnabled	Boolean	Yes	15.x - 16.27	TRUE	Set to false to send minimal heartbeat data, no application usage, and no environment details. <b>This key was removed in 16.27 / MAU 4.12 and there is nothing left to manage in this preference domain.</b>	defaults write com.microsoft.autoupdate.fba SendAllTelemetryEnabled -bool TRUE
3	MAU	com.microsoft.autoupdate2	AcknowledgedDataCollectionPolicy	String	Yes	MAU 4.12 (16.27.0)	RequiredDataOnly	The first time 4.12 or later of MAU is launched, users will see a Required Data Notice dialog. If you don't want your users to see this dialog, you can set the preference to either <b>RequiredDataOnly</b> or <b>RequiredAndOptionalData</b> . Regardless of which value you set, the dialog won't be shown to your users. If you let your users see this dialog, then when the user chooses OK, the value <b>RequiredDataOnly</b> is written and the dialog is not shown to the user again.	defaults write com.microsoft.autoupdate2 AcknowledgedDataCollectionPolicy RequiredDataOnly
4	MAU	com.microsoft.autoupdate2	Applications	Dictionary	Yes			Register applications that MAU should update. If this is not managed MAU might have issues finding updates for applications that a user has never opened.	
5	MAU	com.microsoft.autoupdate2	ChannelName	String	Yes	MAU 3.3 (15.17.0)	Production (Inferred)	Set the update channel. Valid arguments: <b>Production, External, InsiderFast, Custom.</b>	defaults write com.microsoft.autoupdate2 ChannelName -string 'Custom'
6	MAU	com.microsoft.autoupdate2	DisableEndOfSupportNotifications	Boolean	Yes		FALSE	Set to TRUE to prevent Office 2016 end of support notification	defaults write com.microsoft.autoupdate2 DisableEndOfSupportNotifications TRUE
7	MAU	com.microsoft.autoupdate2	DisableInsiderCheckbox	Boolean	Yes	MAU 3.4 (15.18.0)	FALSE	Set to true to make the "Join the Office Insider Program..." checkbox unavailable/greyed out to users	defaults write com.microsoft.autoupdate2 DisableInsiderCheckbox -bool TRUE
8	MAU	com.microsoft.autoupdate2	EnableCheckForUpdatesButton	Boolean	Yes	MAU 3.18	TRUE	Enables/disables the Check For Updates button in the MAU GUI.	defaults write com.microsoft.autoupdate2 EnableCheckForUpdatesButton -bool TRUE
9	MAU	com.microsoft.autoupdate2	ExtendedLogging	Boolean	Yes	MAU 3.8 (15.27.0)		Enable extended logging for the MAU client. Writes to <b>/Library/Logs/Microsoft/autoupdate.log</b>	defaults write com.microsoft.autoupdate2 ExtendedLogging -bool TRUE
10	MAU	com.microsoft.autoupdate2	HowToCheck	String	Yes	MAU 3.8	AutomaticCheck	Change how MAU interacts with updates. Note that AutomaticDownload will do a download and install silently if possible. Valid values are: <b>Manual, AutomaticCheck, AutomaticDownload</b>	defaults write com.microsoft.autoupdate2 HowToCheck -string 'AutomaticDownload'
11	MAU	com.microsoft.autoupdate2	ManifestServer	String	Yes	MAU 3.8 (15.27.0)		Set a custom manifest server. Useful for "locking" clients to a specific version of Office.	defaults write com.microsoft.autoupdate2 ManifestServer -string 'https://server.manifest.officeapps.live.com/manifest/1.0/OfficeAppManifest.xml'
12	MAU	com.microsoft.autoupdate2	SendAllTelemetryEnabled	Boolean	Yes	MAU 3.x - MAU 4.11	TRUE	Set to false to send minimal heartbeat data, no application usage, and no environment details. Replaced by AcknowledgedDataCollectionPolicy in MAU 4.12.	defaults write com.microsoft.autoupdate2 SendAllTelemetryEnabled -bool TRUE
13	MAU	com.microsoft.autoupdate2	StartDaemonOnAppLaunch	Boolean	Yes		TRUE	Controls whether the 'Microsoft AU Daemon' should be launched when an Office application is launched. If this value is set to 0, updates will not be detected, regardless of the 'HowToCheck' preference, and users will need to use the Help -> Check for Updates menu option to see if updates are available.	defaults write com.microsoft.autoupdate2 StartDaemonOnAppLaunch -bool FALSE
14	MAU	com.microsoft.autoupdate2	UpdateCache	String	Yes	MAU 3.8 (15.27.0)		Set a custom cache for clients to use when checking for updates. IE - packages, dmgs.	defaults write com.microsoft.autoupdate2 UpdateCache -string 'https://server.manifest.officeapps.live.com/manifest/1.0/OfficeAppManifest.xml'
15	MAU	com.microsoft.autoupdate2	UpdateInterval	Integer	Yes	MAU 3.8 (15.27.0)	720	Change how often the MAU daemon will look for updates. By default this is 720 min (12 hrs). By reducing this value MAU will look for updates more often.	defaults write com.microsoft.autoupdate2 UpdateInterval 720

3 Prefs

README

Application Names

Remote Desktop

Explore

# What settings do you care about

- First launch
  - License
  - Prompts
- Local vs. Online Save
- Security Settings
  - Export e-mail
  - Remote Content
- OneDrive
  - Bandwidth
  - Personal Sync

# How are we going to make and deploy them?

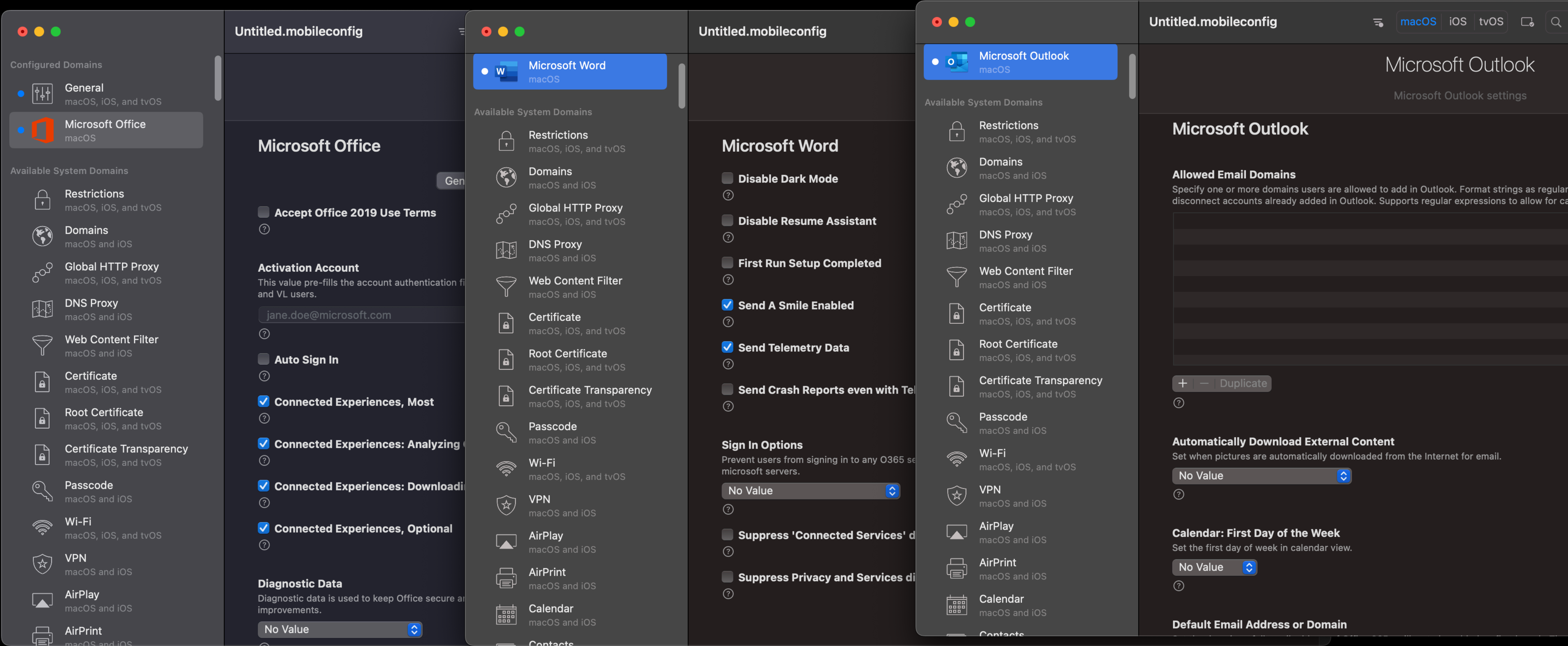
- Terminal
  - `defaults` command
- Custom Profile XML
  - Text editor
  - iMazing Profile Editor
- Deploy
  - MDM
  - Drag and drop local install



# How are we going to make them?

```
Untitled.mobileconfig — Edited
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>PayloadContent</key>
  <array>
    <dict>
      <key>AutomaticallyDownloadExternalContent</key>
      <integer>0</integer>
      <key>PayloadDisplayName</key>
      <string>Microsoft Outlook</string>
      <key>PayloadIdentifier</key>
      <string>com.microsoft.Outlook.A4222FDB-C876-4627-B422-893BBD5A6209</string>
      <key>PayloadType</key>
      <string>com.microsoft.Outlook</string>
      <key>PayloadUUID</key>
      <string>A4222FDB-C876-4627-B422-893BBD5A6209</string>
      <key>PayloadVersion</key>
      <integer>1</integer>
    </dict>
  </array>
  <key>PayloadDisplayName</key>
  <string>Untitled</string>
  <key>PayloadIdentifier</key>
  <string>carlson-addigy-m1.44C6E95F-1932-46F0-A709-B3F041155176</string>
  <key>PayloadType</key>
  <string>Configuration</string>
  <key>PayloadUUID</key>
  <string>7A8DABE1-5D82-4350-9E3C-62BC8C9FF1A7</string>
  <key>PayloadVersion</key>
  <integer>1</integer>
</dict>
</plist>
```

# How are we going to make them?

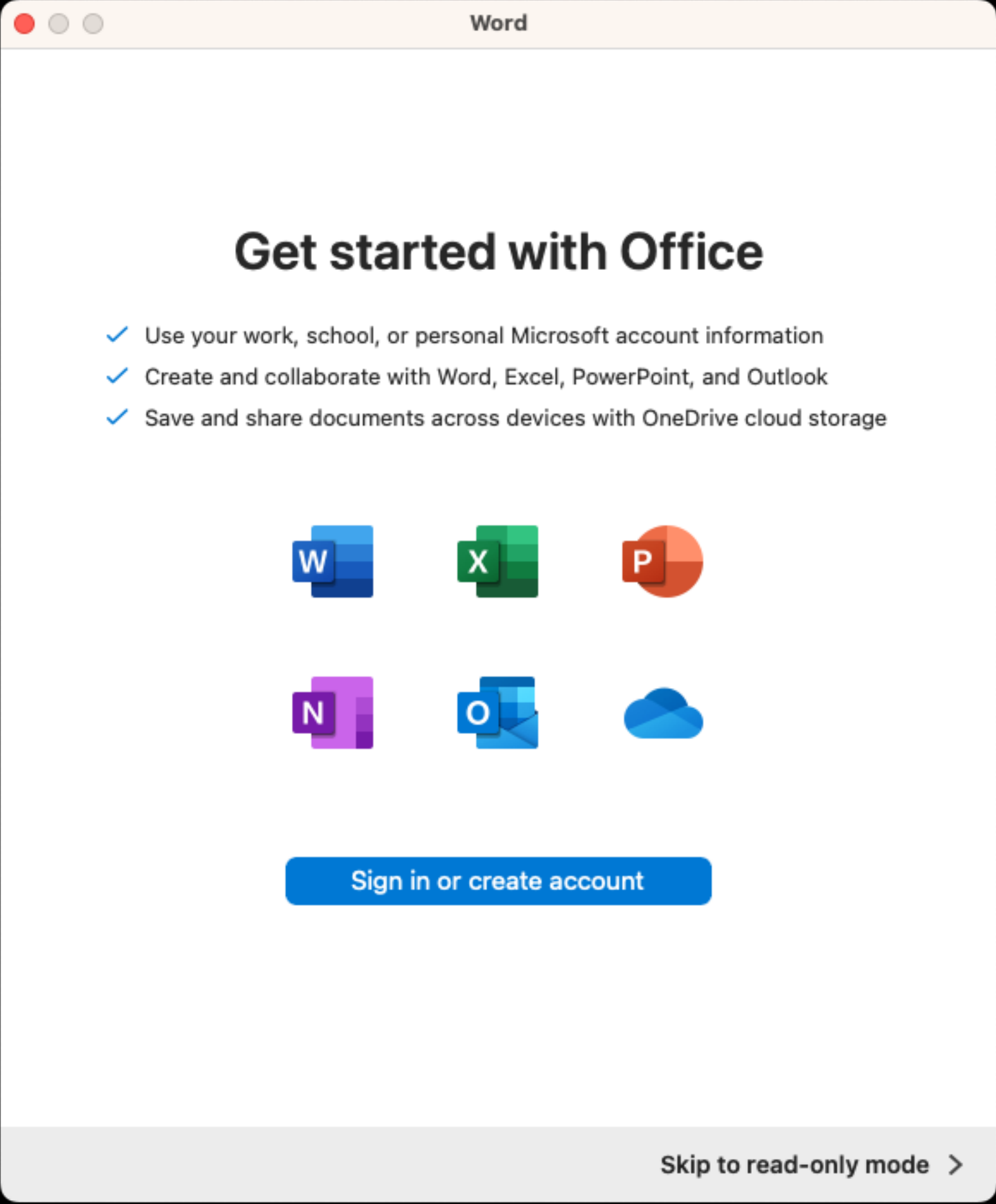


# First launch

Command Line/Script

```
defaults write com.microsoft.office OfficeAutoSignIn -bool TRUE
```

Config Profile Settings



Category	Details
Domain	com.microsoft.office
Key	OfficeAutoSignIn
Data Type	Boolean
Possible values	false (default) true
Apps	Word, Excel, PowerPoint, Outlook, OneNote



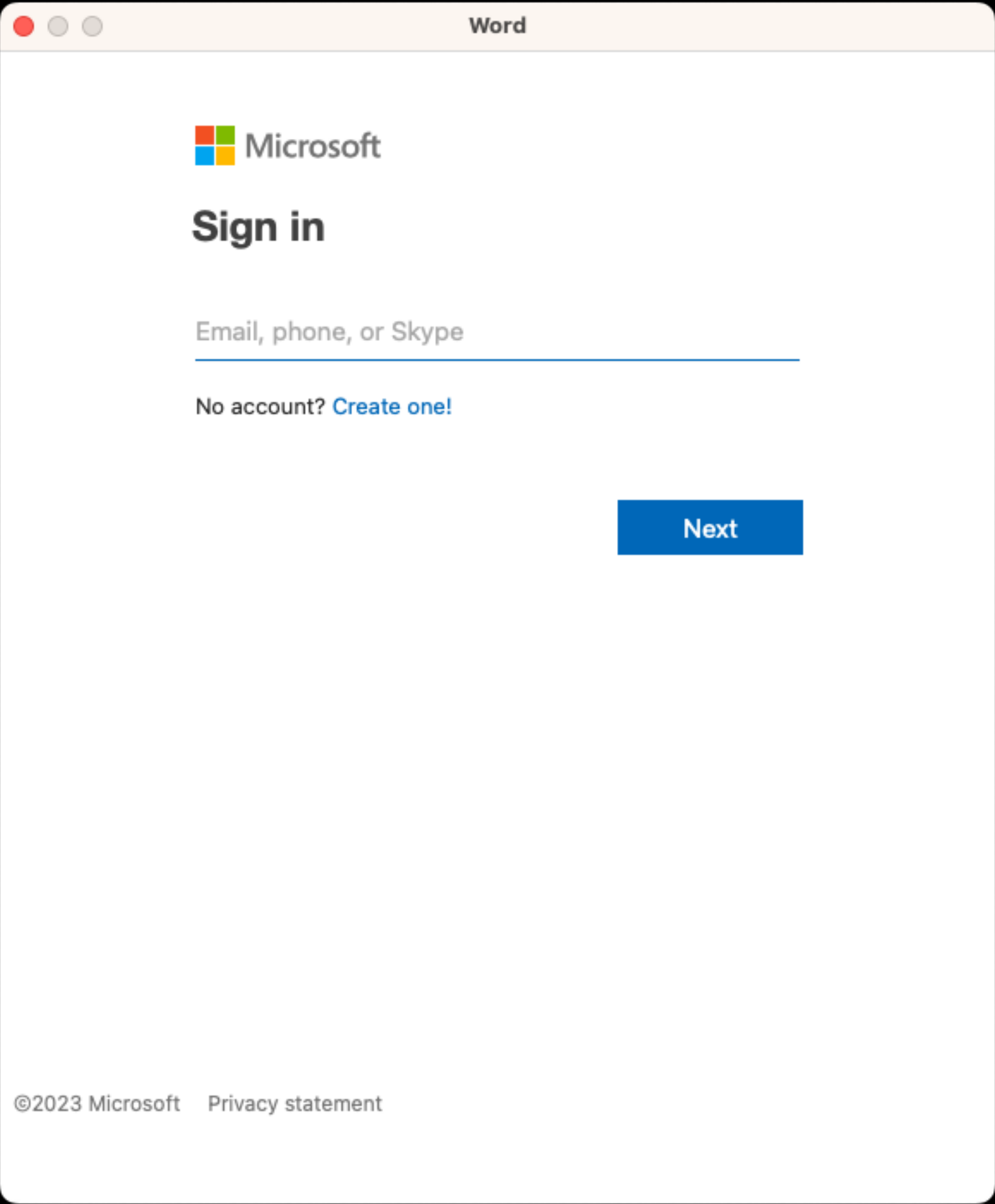
# First launch... now



Command Line/Script

```
defaults write com.microsoft.office  
OfficeActivationEmailAddress -string "clippy@psu.edu"
```

Config Profile Settings



Category	Details
Domain	com.microsoft.office
Key	OfficeActivationEmailAddress
Data Type	String
Possible values	<i>Various (example: "clippy@psu.edu")</i>
Apps	Word, Excel, PowerPoint, Outlook, OneNote

# First launch... now... now





**NEW CHALLENGER  
APPROACHING** 



**First launch... now... now... now**

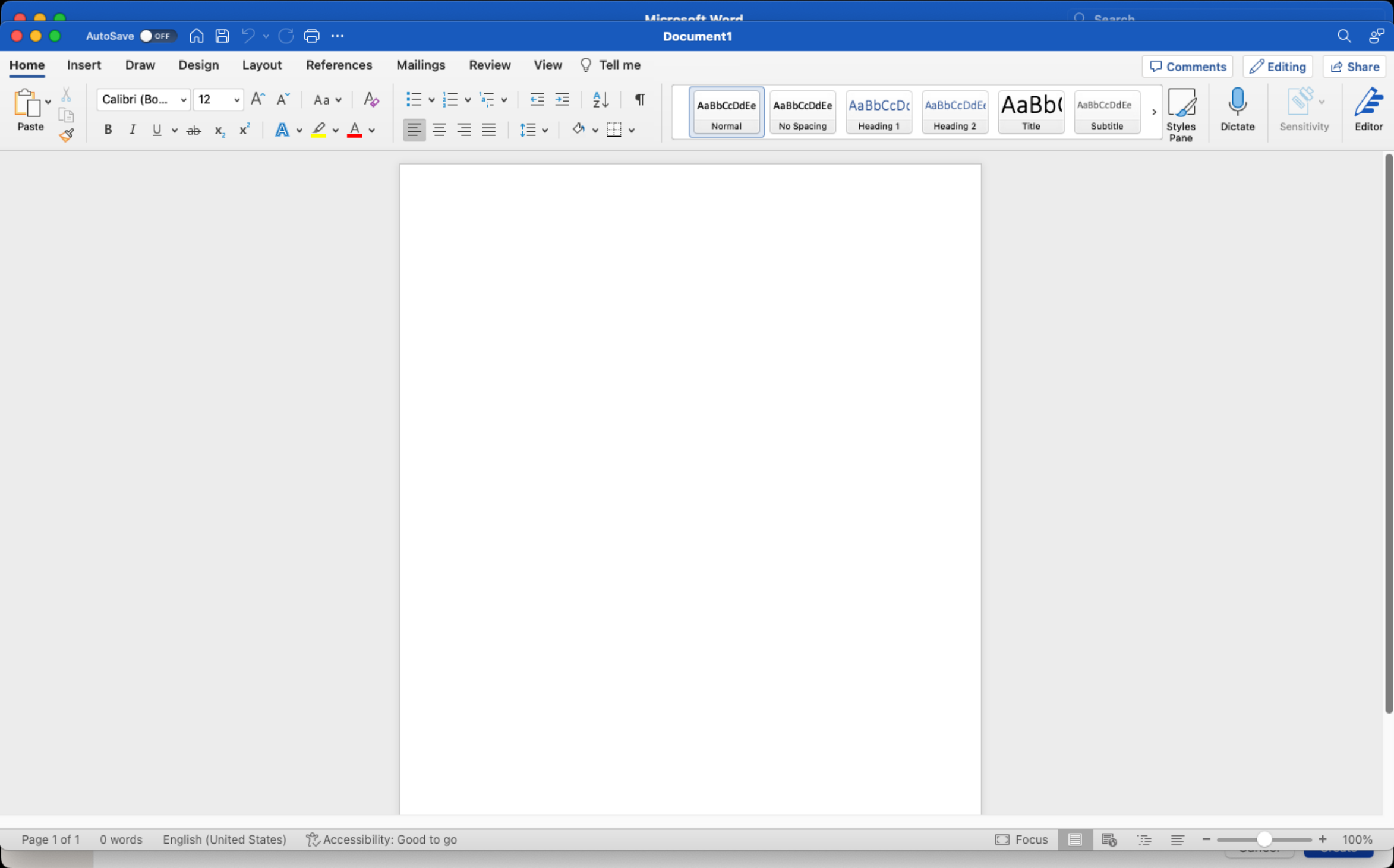


# First launch

Command Line/Script

```
defaults write com.microsoft.office ShowDocStageOnLaunch -bool FALSE
```

Config Profile Settings



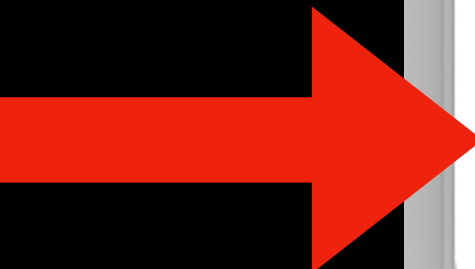
Category	Details
Domain	com.microsoft.office
Key	ShowDocStageOnLaunch
Data Type	Boolean
Possible values	true (default) false
Apps	Word, Excel, PowerPoint

# Local vs. Online Save

Command Line/Script

```
defaults write com.microsoft.office DefaultsToLocalOpenSave -bool TRUE
```

Config Profile Settings



Name:

Place: OneDrive - Addigy

On My Mac

File Format: Word Document (.docx)

Cancel

Save

Save As:

Tags:

Where: Documents

Online Locations

File Format: Word Document (.docx)

Cancel

Save

Category	Details
Domain	com.microsoft.office
Key	DefaultsToLocalOpenSave
Data Type	Boolean
Possible values	false (default) true
Apps	Word, Excel, PowerPoint



# Security Settings (export mail)

Command Line/Script

```
defaults write com.microsoft.Outlook DisableExport -bool TRUE
```

Config Profile Settings



Category	Details
Domain	com.microsoft.Outlook
Key	DisableExport
Data Type	Boolean
Possible values	false (default) true
Apps	Outlook

# Security Settings (remote content)

Command Line/Script

```
defaults write com.microsoft.Outlook AutomaticallyDownloadExternalContent -int X
```

Config Profile Settings



Category	Details
Domain	com.microsoft.Outlook
Key	AutomaticallyDownloadExternalContent
Data Type	Integer
Possible values	0 = Never 1 = Messages from contacts 2 = In all messages
Apps	Outlook

# OneDrive (bandwidth)

Command Line/Script

Null

Config Profile Settings



Category	Details
Domain	com.microsoft.OneDrive
Key	DownloadBandwidthLimited UploadBandwidthLimited
Data Type	Integer
Possible values	50 and 100000 to specify the download throughput in KB/sec that the sync app can use
Apps	OneDrive

# OneDrive (Personal Sync)

Command Line/Script

```
defaults write com.microsoft.OneDrive DisablePersonalSync -bool TRUE
```

Config Profile Settings



Category	Details
Domain	com.microsoft.OneDrive
Key	DisablePersonalSync
Data Type	Boolean
Possible values	true
Apps	OneDrive

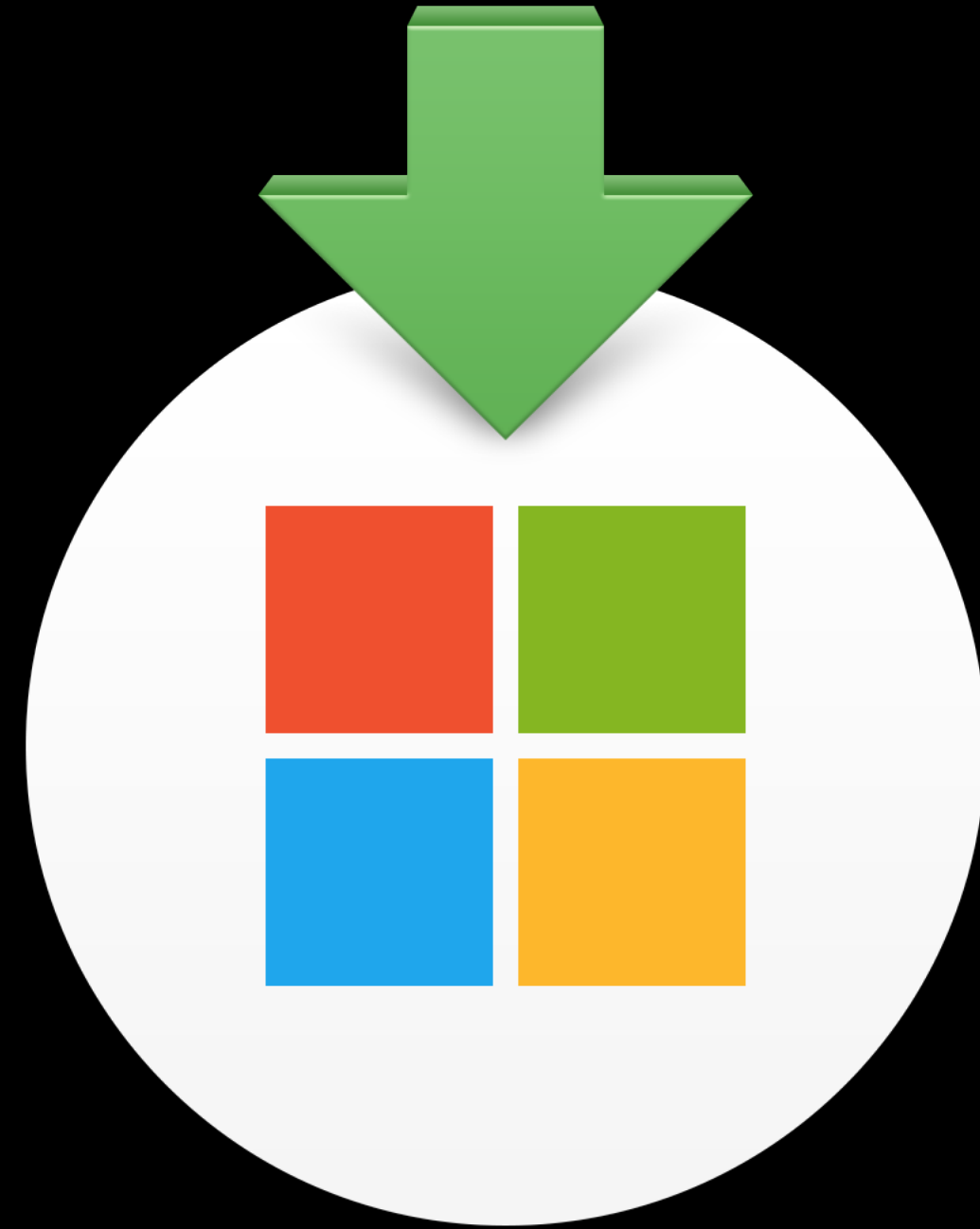


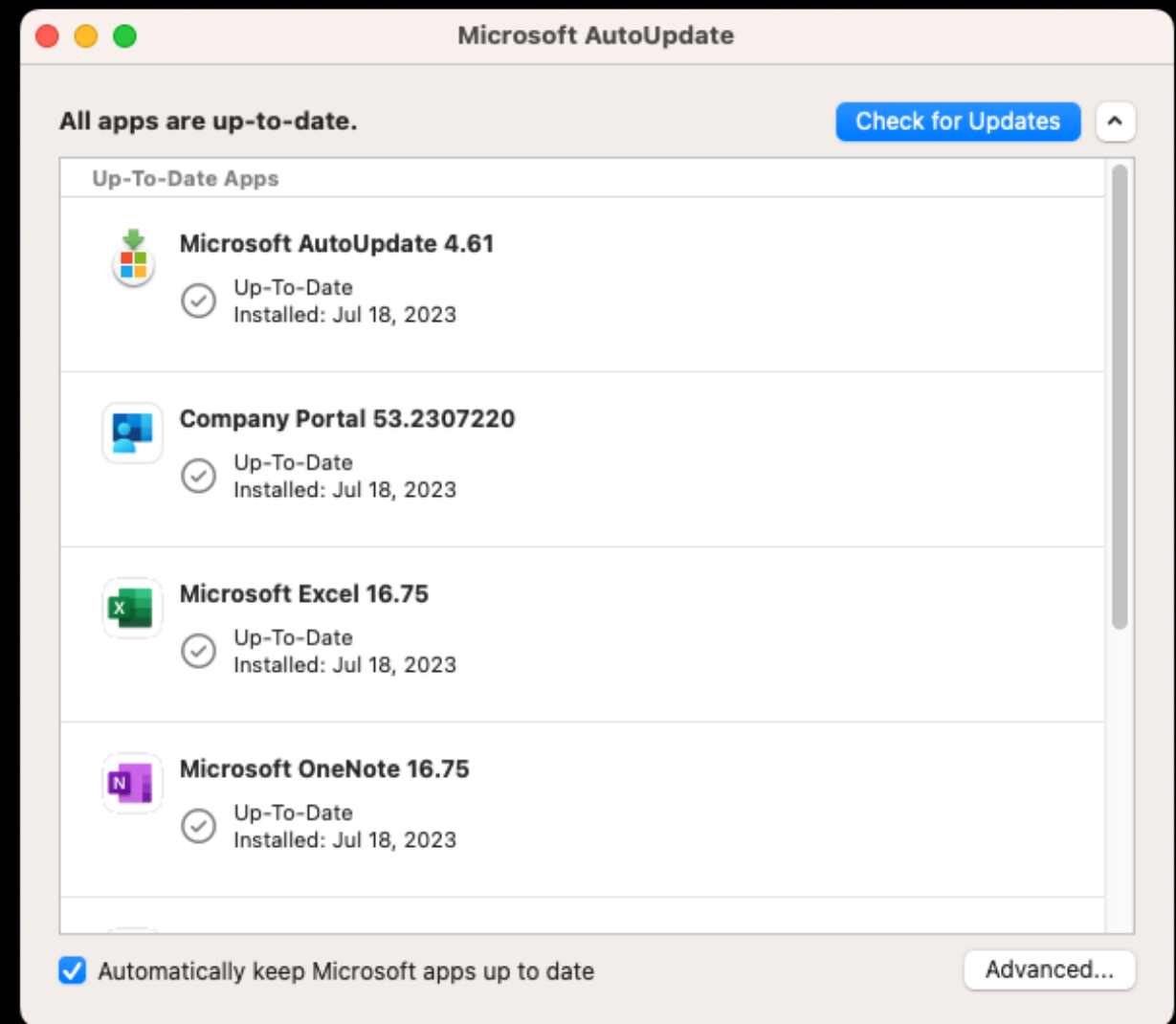
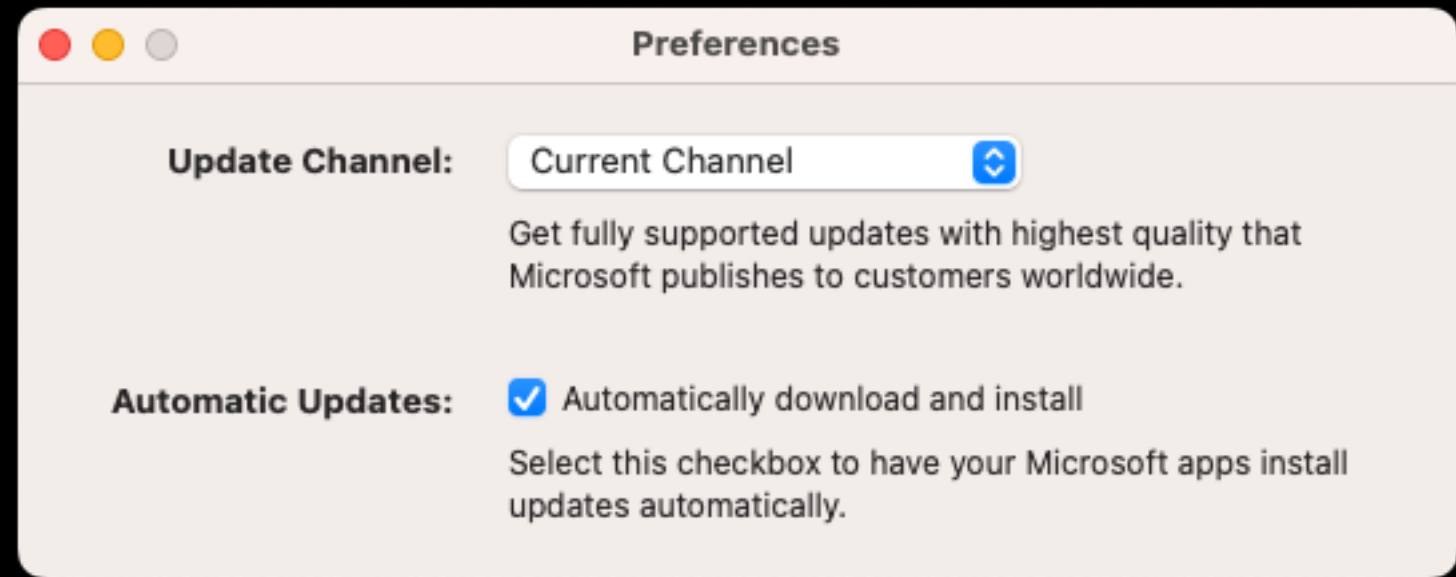
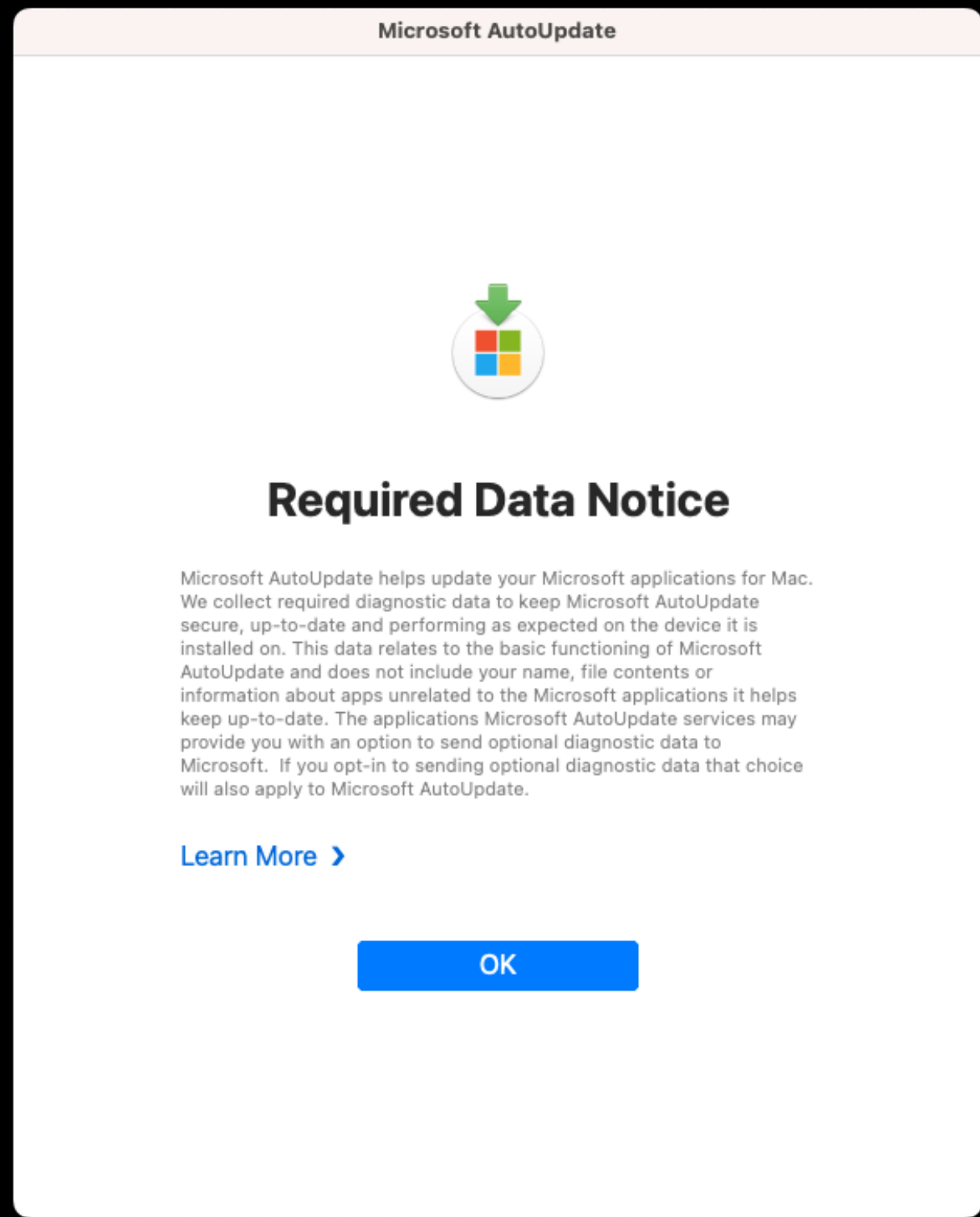
Many more can be found for OneDrive at:

<https://learn.microsoft.com/en-us/sharepoint/deploy-and-configure-on-macos>



# Updates







# Updates

Command Line/Script

```
defaults write com.microsoft.autoupdate2 AcknowledgedDataCollectionPolicy RequiredDataOnly
```

Config Profile Settings



Category	Details
Domain	com.microsoft.autoupdate2
Key	AcknowledgedDataCollectionPolicy
Data Type	String
Possible values	RequiredDataOnly

# Updates

Command Line/Script

```
defaults write com.microsoft.autoupdate2 HowToCheck -string 'AutomaticDownload'
```

Config Profile Settings



Category	Details
Domain	com.microsoft.autoupdate2
Key	HowToCheck
Data Type	String
Possible values	Manual, AutomaticCheck, AutomaticDownload (will do a download and install silently if possible)

# Updates

Command Line/Script

```
defaults write com.microsoft.autoupdate2 UpdateCheckFrequency -int 60
```

Config Profile Settings



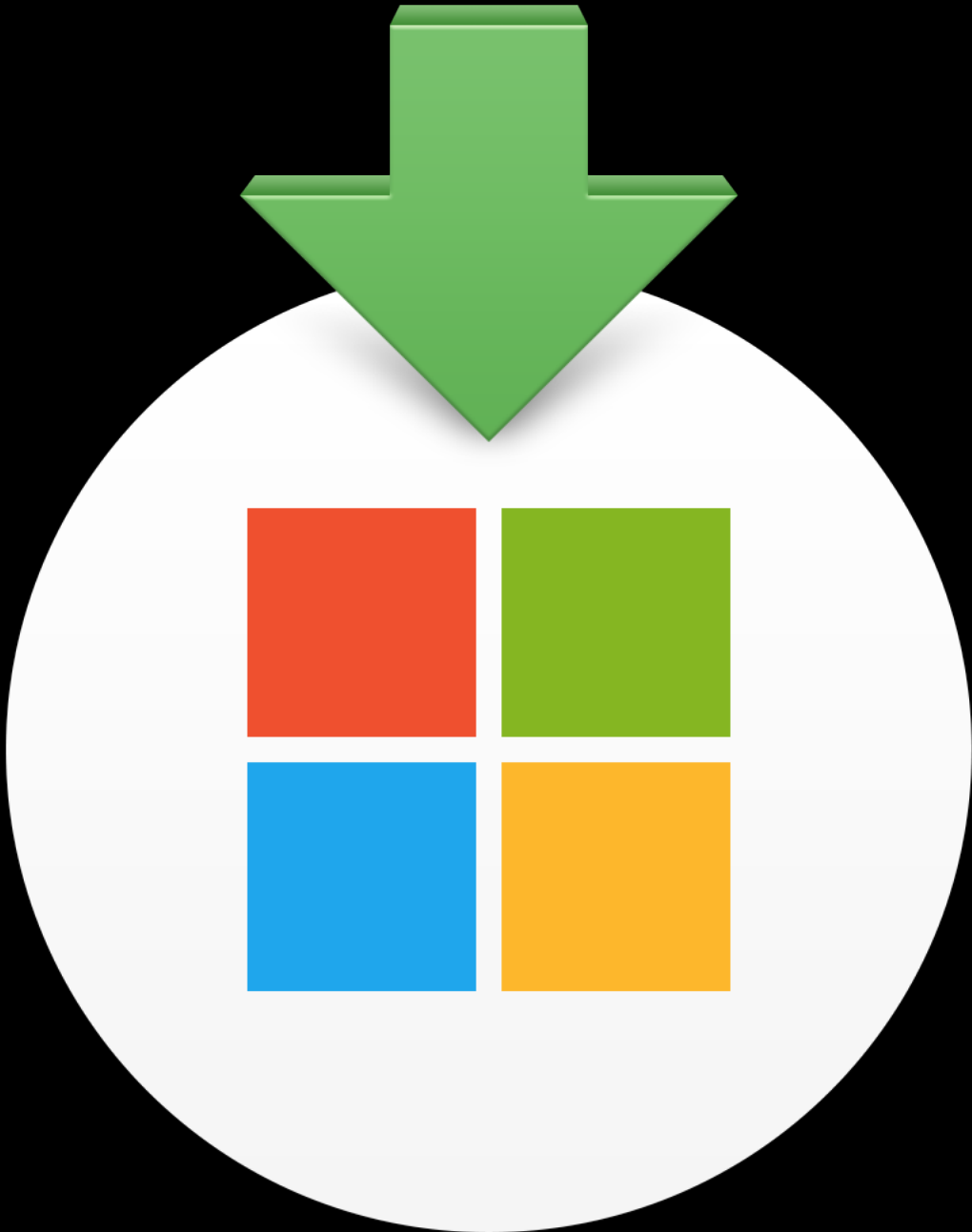
Category	Details
Domain	com.microsoft.autoupdate2
Key	UpdateCheckFrequency
Data Type	Integer
Possible values	Default is 720 minute (12 hrs). Input any number for a minute value that you desire

# Updates

Command Line/Script

Null

Config Profile Settings



Category	Details
Domain	com.microsoft.autoupdate2
Key	UpdateDeadline.DaysBeforeForcedQuit
Data Type	Dictionary
Possible values	<pre>&lt;key&gt;UpdateDeadline.ApplicationsForcedUpdateSchedule&lt;/key&gt; &lt;dict&gt; &lt;key&gt;/Applications/Microsoft Excel.app&lt;/key&gt; &lt;dict&gt; &lt;key&gt;Application ID&lt;/key&gt; &lt;string&gt;XCEL2019&lt;/string&gt; &lt;key&gt;ForcedUpdateDate&lt;/key&gt; &lt;date&gt;2019-07-20T20:01:20Z&lt;/date&gt; &lt;key&gt;ForcedUpdateVersion&lt;/key&gt; &lt;string&gt;16.56.19060901&lt;/string&gt; &lt;/dict&gt; &lt;/dict&gt;</pre>

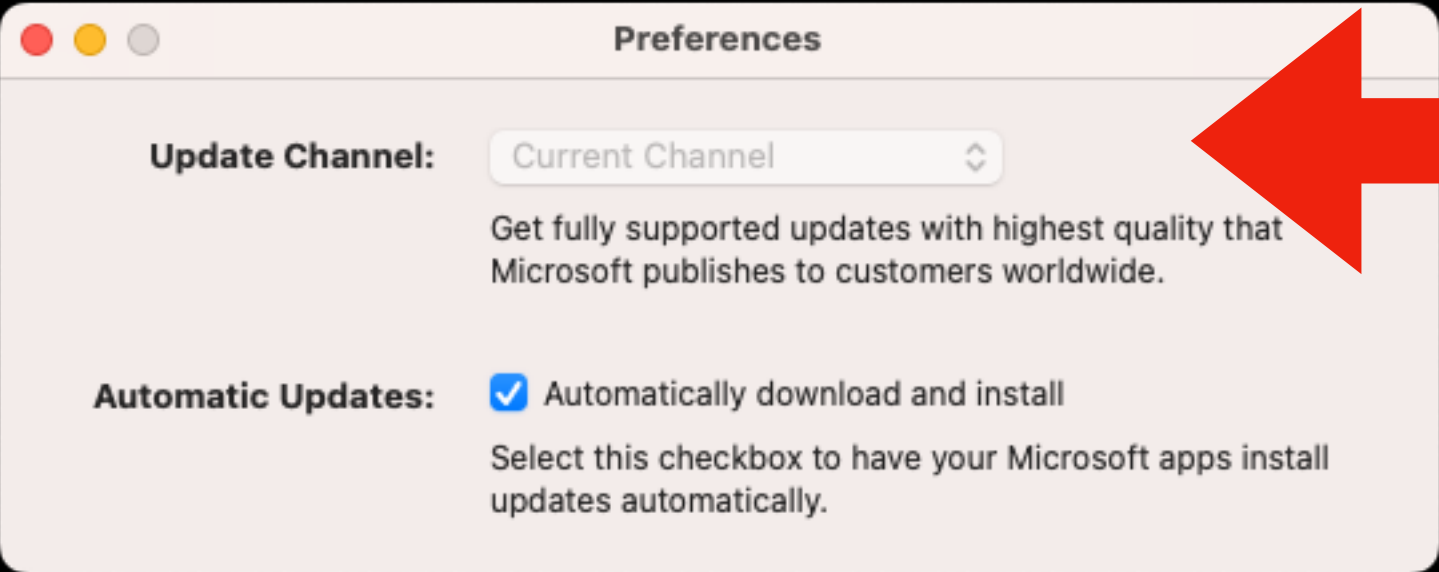
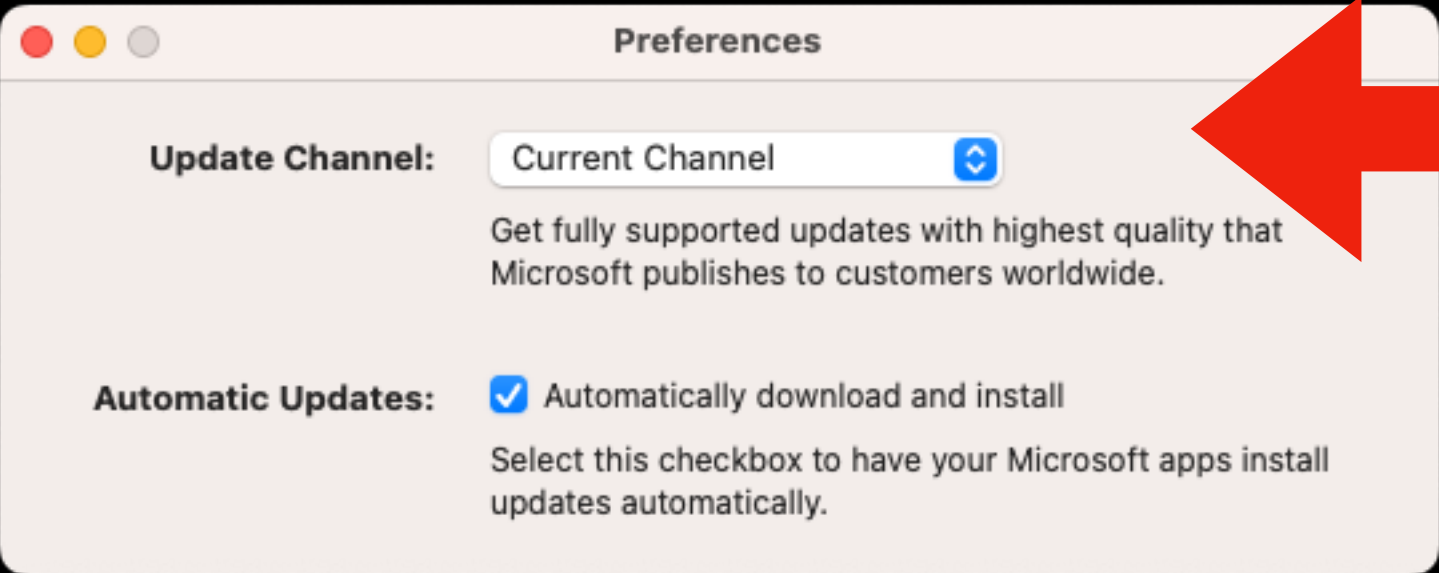
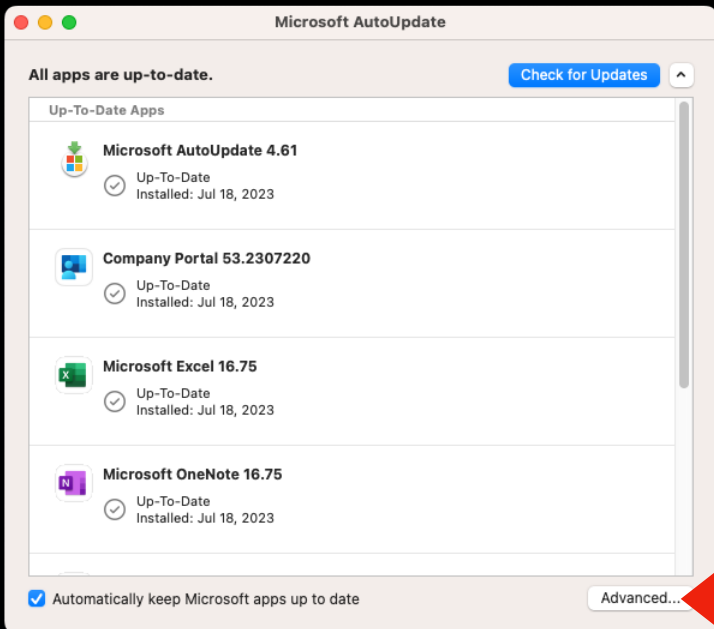


# Updates

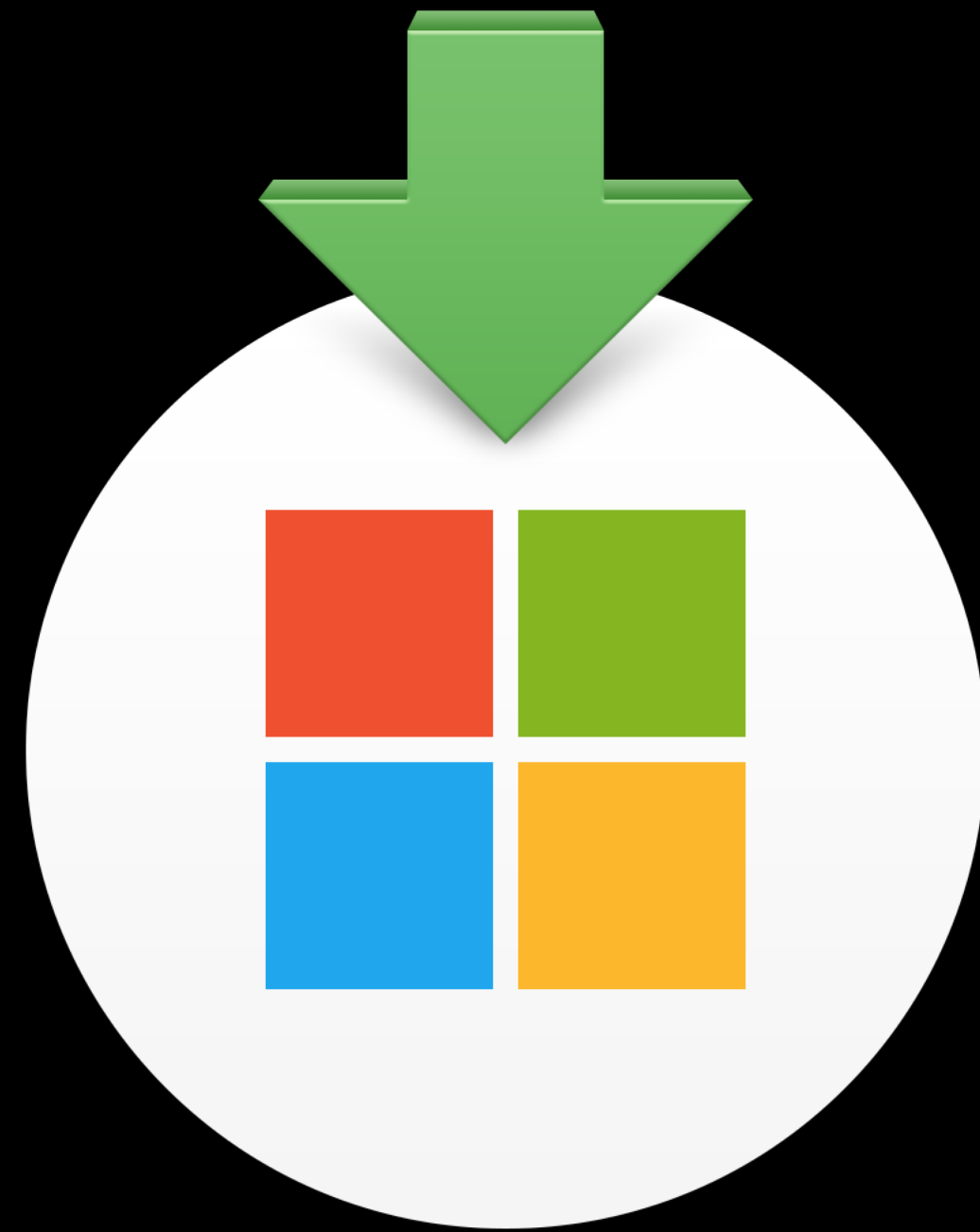
Command Line/Script

```
defaults write com.microsoft.autoupdate2 DisableInsiderCheckbox -bool TRUE
```

Config Profile Settings




Category	Details
Domain	com.microsoft.autoupdate2
Key	DisableInsiderCheckbox
Data Type	Boolean
Possible values	Default is false. Set to true to make the "Join the Office Insider Program..." checkbox unavailable/greyed out to users



# Single Sign On Extension



Sign in to Company Portal with single sign-on

 Microsoft


## Sign in

Email, phone, or Skype

No account? [Create one!](#)

[Can't access your account?](#)

[Back](#) [Next](#)

 Sign-in options

[Terms of use](#) [Privacy & cookies](#) ...

[More information](#) ☐ Opt-Out of Single Sign-On [Close](#)

Microsoft

Learn

Documentation

Training

Certifications

Q&A

Code Samples

Assessments

Shows

Events

Search

Sign in

Microsoft Intune

Product documentation

Learn Intune

Developer resources

Resources

Portal

Free account

Filter by title

Wired networks

Device features on iOS/iPadOS and macOS

Device features

Use Enterprise SSO plug-in

SSO plug-in overview

iOS/iPadOS SSO plug-in

macOS SSO plug-in

Extensions on macOS

Preference file on macOS

Mobility Extensions on Zebra devices

OEMConfig on Android Enterprise

Kiosks and dedicated devices

Shared multi-user devices

Network boundary on Windows

Windows health monitoring

Education Take a Test app

eSIM cellular on Windows

Configuration profile settings lists

Assign and deploy policies

Enroll devices in Microsoft Intune

Use Intune Suite add-ons

Initiate remote actions

View reports and monitor status

Industry guides

Platform guides

Scenario-based guidance

Developer guidance

Privacy and personal data

Get help and support

Learn / Microsoft Intune / Intune service /

Deploy the Microsoft Enterprise SSO plug-in for Apple Devices

Article • 05/30/2023 • 7 contributors

Feedback

Select your platform

All platforms

iOS/iPadOS

macOS

In this article

Get started with your MDM provider and platform

Next steps

In Microsoft Intune, there's a Microsoft Enterprise SSO plug-in. This plug-in provides single sign-on (SSO) to iOS/iPadOS and macOS apps and websites that use Microsoft Azure Active Directory (Azure AD) for authentication.

This article applies to:

iOS/iPadOS

macOS

Get started with your MDM provider and platform

The Enterprise SSO plug-in can be used in Microsoft Intune, Jamf Pro, or other MDM solutions. For more information about the plug-in, which SSO option to use, and how to create the SSO profile, go to the following articles:

iOS/iPadOS: Deploy the Microsoft Enterprise SSO plug-in

macOS: Deploy the Microsoft Enterprise SSO plug-in

Next steps

Additional resources

Documentation

Configure macOS Enterprise SSO plug-in with MDM

Learn more about the Microsoft Enterprise SSO plug-in. Add or create an macOS device profile using the Microsoft Enterprise SSO plug-in in Microsoft Intune, Jamf Pro, and...

Configure iOS/iPadOS Enterprise SSO plug-in with MDM

Learn more about the Microsoft Enterprise SSO plug-in. Add or create an iOS or iPadOS device configuration profile using the Microsoft Enterprise SSO plug-in in Microsoft Intune, Ja...

Microsoft Enterprise SSO plug-in for Apple devices - Microsoft Entra

Learn about the Azure Active Directory SSO plug-in for iOS, iPadOS, and macOS devices.

Show 5 more



SSOe

- Dashboards >
- Devices >
- Add Devices
- Policies
- Catalog
- Monitoring
- Community >
- Support >
- Account >

Catalog

Saved and reusable items for your policies. Any changes to an item will affect all uses.

- MDM Profiles
- Software
- Monitoring
- Maintenance
- Custom Facts
- Self Service
- OS Users
- Compliance

< All MDM Profiles

Edit Settings Review Changes

Requires: macOS 10.15+, iOS 13.0+

Payload Name \*

Microsoft SSOe

Extension Identifier \*

com.microsoft.CompanyPortalMac.ssoextension

The bundle identifier of the app extension that performs SSO for the specified URLs.

SSO Type \*

Redirect

Include

Settings

\*When including a key, the default key value will be pre-selected.



Team Identifier

UBF8T346G9

This key is required on macOS and ignored elsewhere.



URLs

Required for Redirect payloads. Query parameters and URL fragments are not allowed, and the URLs of all installed Extensible SSO payloads must be unique.

https://login.microsoftonline.com



https://login.microsoft.com



https://sts.windows.net



https://login.partner.microsoftonline.cn



https://login.chinacloudapi.cn



https://login.microsoftonline.us



https://login-us.microsoftonline.com




https://my-identity-provider.com or http://my-identity-provider.com

Add



# SSOe

Sign in to Company Portal with single sign-on

 Microsoft


**Sign in**

No account? [Create one!](#)

[Can't access your account?](#)

Back


Next

 Sign-in options

Terms of use

Privacy & cookies

...

 More information

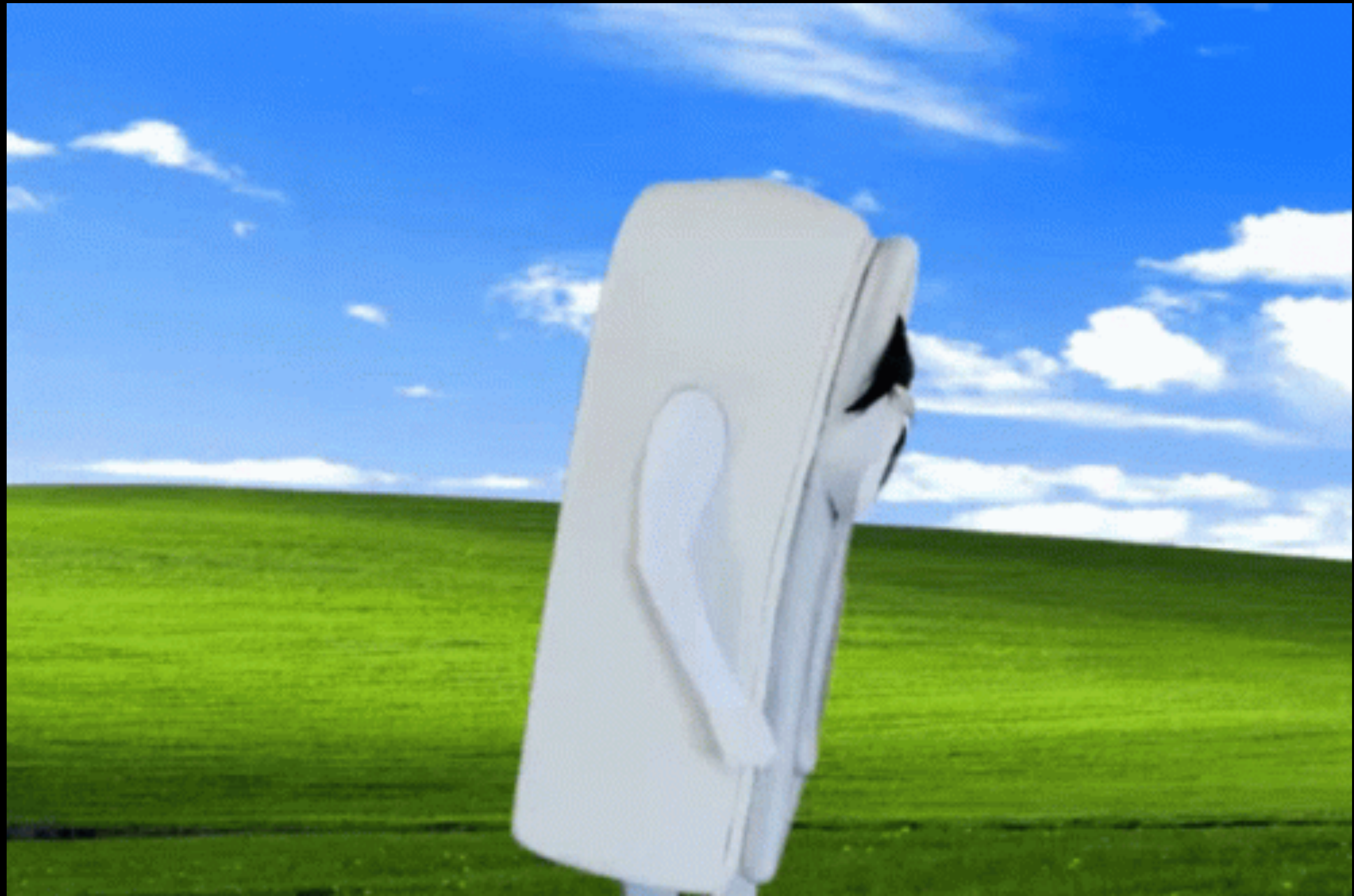
☐ Opt-Out of Single Sign-On 

Close

# SSOe









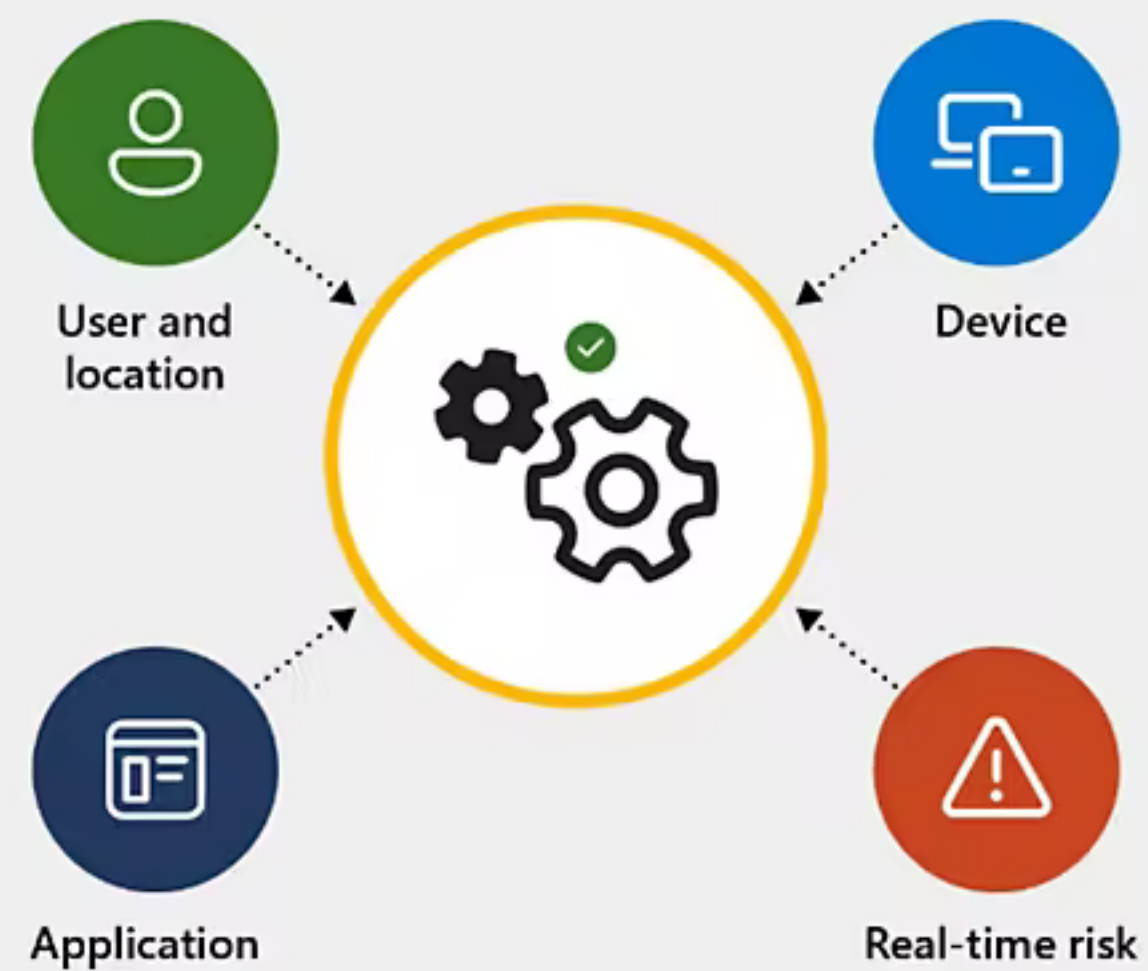
# Conditional Access



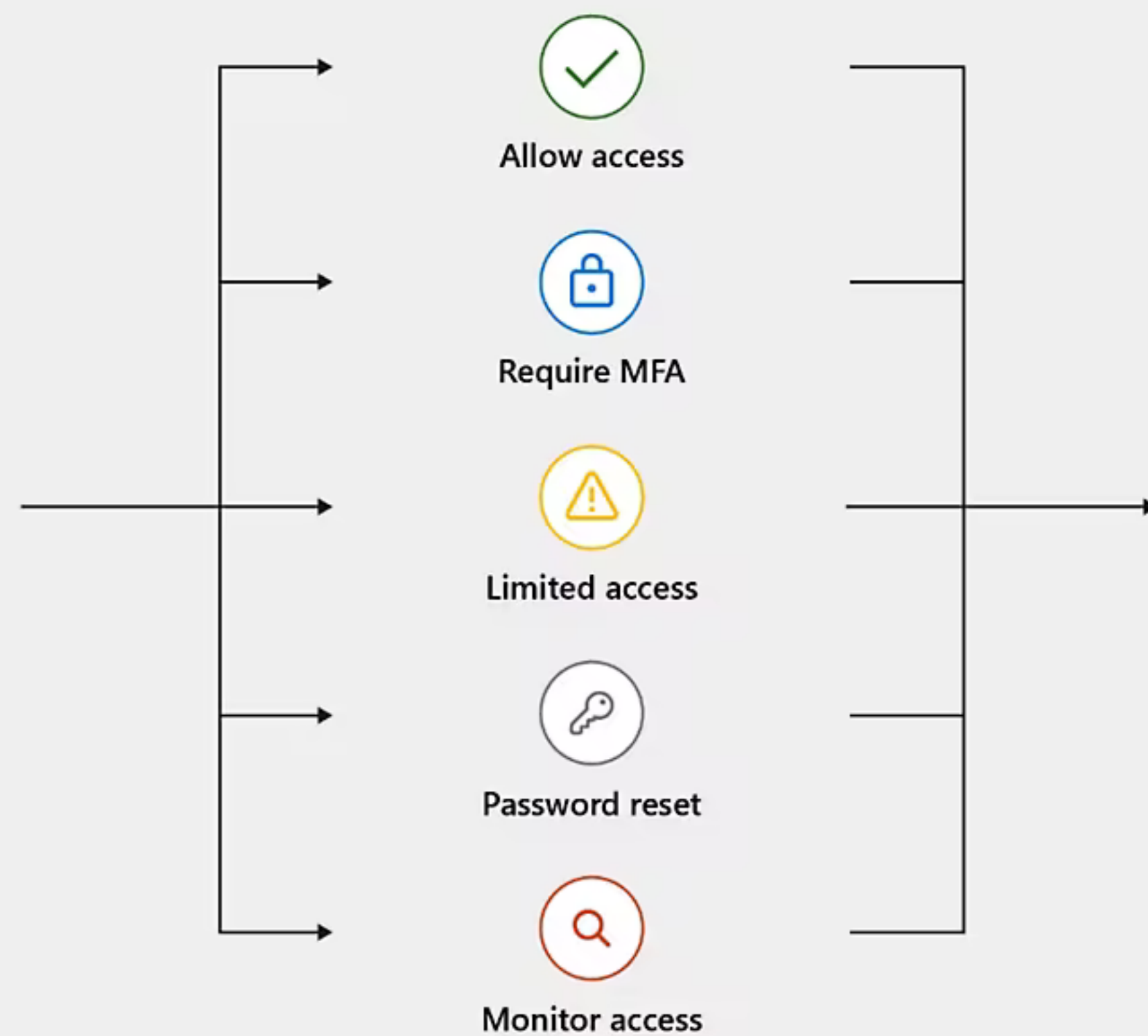
# Why?

- Zero Trust Complaint Device
  - If the device is registered its state is known
  - Meets compliance benchmarks
  - State is sent to Azure AD
- Required by regulation or security policy
- More access control outside of just the identity
  - Global/geographic sign-in rules
  - Session controls

## Signals



## Verify every access attempt



## Apps and data





# How do I get it on my Macs?

- Intune as an MDM
  - Workplace Join (WPJ) workflow adds certificate at enrollment
- Partner Compliance Management
  - Launched in July 2020
  - Any MDM vendor that is in the partner program can integrate
    - Jamf, Addigy, VMWare, etc.
  - Sending a yes/no flag (as well as device name, user, and OS etc.)
  - Allows for Conditional Access policy enforcement and state sync with other MDM profile installed
    - WPJ -r
- Partner Device Management (2017)

# Conditional Access



portal.azure.com

Microsoft Azure

Search resources, services, and docs (G+)

Home > Addigy | Enterprise applications > Enterprise applications

Enterprise applications | All applications

Addigy - Azure Active Directory

Overview

Overview

Diagnose and solve problems

Manage

All applications

Application proxy

User settings

App launchers

Custom authentication extensions (Preview)

Security

Conditional Access

Consent and permissions

Activity

Sign-in logs

Usage & insights

Audit logs

Provisioning logs

Access reviews

Admin consent requests

Bulk operation results

+ New application

Refresh

Download (Export)

Preview info

View, filter, and search applications in your organization that are set up to use your Azure Active Directory.

The list of applications that are maintained by your organization are in [application registration](#).

Addigy Compliance

Application type == Enterprise Applications

2 applications found

Name	Object ID	Application ID
AC Addigy Compliance		
AD addigy-live-compliance		

login.microsoftonline.com

Addigy - Integrations

Sign in to your account

Microsoft

onmicrosoft.com

Permissions requested

Review for your organization

Addigy Compliance

Addigy, Inc.

This app would like to:

Maintain access to data you have given it access to

Sign in and read user profile

Read all groups

Read applications

Read all devices

Send device attributes to Microsoft Intune

Manage partner compliance policies with Microsoft Intune.

If you accept, this app will get access to the specified resources for all users in your organization. No one else will be prompted to review these permissions.

Accepting these permissions means that you allow this app to use your data as specified in their [terms of service](#) and [privacy statement](#). You can change these permissions at <https://myapps.microsoft.com>. [Show details](#)

Does this app look suspicious? [Report it here](#)

Cancel

Accept

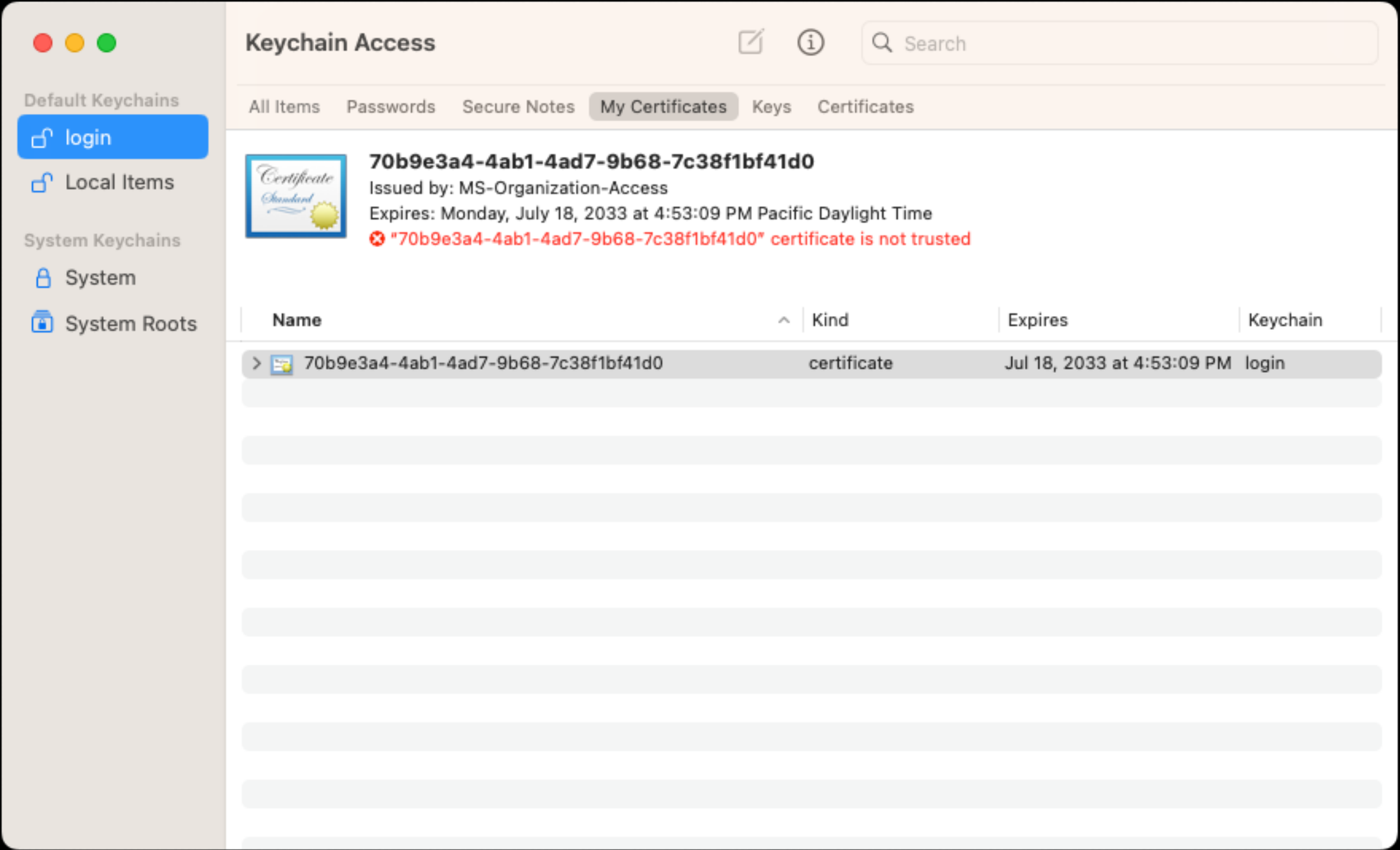
Terms of use Privacy & cookies



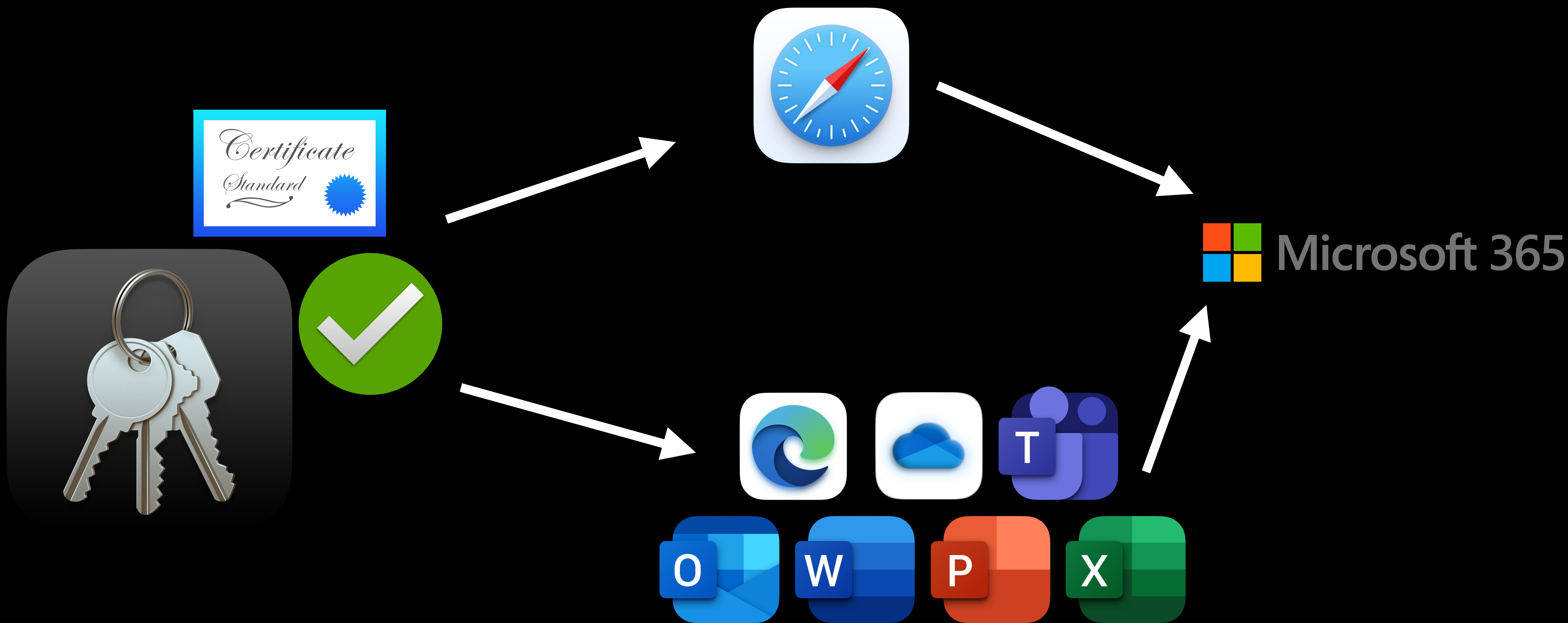








# Conditional Access



Online



VirtualMac2,1

0%

Device Commands

## macOS 13.3.1 VM

[Change name](#)

MDM: Enabled

Compliance: Fail

Enrollment: Manual

OS: 13.3.1

Serial: Z2N72J9PQC

Policies: 1 Policy...

Location: Globodyne Corp. [Edit](#)

Supervised: Yes

Last Check-in

LiveTerminal

Overview

Software

MDM Profiles

Users

Security

Scripts

Updates

Device Facts

Static Fields

Filter...

Fact Name

Fact Value

Enabled	OS	Version	Join Type	Owner	MDM	Compliant	Registered
✓ Yes	MacOS	13.3	Azure AD registered	Paulo Fierro	Microsoft Intune	✓ Yes	4/7/2023, 8:4
				rina	Microsoft Intune	✓ Yes	3/20/2023, 1:
				o	Microsoft Intune	! No	1/30/2023, 3:



Enabled	OS	Version	Join Type	Owner	MDM	Compliant	Registered
✔ Yes	MacOS	13.3	Azure AD registered	Paulo Fierro	Microsoft Intune	✔ Yes	4/7/2023, 8:4
✔ Yes	MacOS	12.4	Azure AD registered	Ayme Morrina	Microsoft Intune	✔ Yes	3/20/2023, 1:
✔ Yes	MacOS	13.1	Azure AD registered	Paulo Fierro	Microsoft Intune	❗ No	1/30/2023, 3:

Install

Profiles

Scripts

Info

Compliant

Check Status

Conditional Access State:  
Registered ✔

Version 2.3.15

Addigy

(305) 330-6677

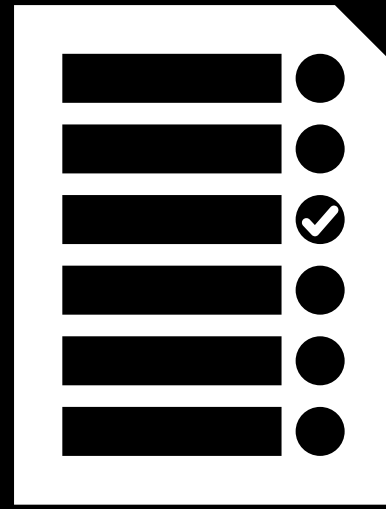
Device Compliance

Your IT administrator has made the following rules for a device to be compliant. You will not be able to access your company resources until the device is compliant.

Compliant: 1 out of 1

Firewall Enabled

✔



Microsoft Azure

Search resources, services, and docs (G+/)

All services >

i

Conditional Access | Overview

Azure Active Directory

<<

Overview

Policies

Insights and reporting

Diagnose and solve problems

Manage

Named locations

Custom controls (Preview)

Authentication context

Authentication strengths

Classic policies

Monitoring

Sign-in logs

Audit logs

Troubleshooting + Support

New support request

+ Create new policy

+ Create new policy from templates

Refresh

Got feedback?

Getting started

Overview

Coverage

Monitoring (Preview)

Tutorials

Policy Summary

✓

Policy Snapshot

5 Enabled 1 Report-only 3 Off

View all policies

Applications

Browse a list of applications that are not protected by your policies.

View top unprotected apps

Named Locations

IPv6 is coming to Azure Active Directory! Update your Named locations with IPv6 ranges.  
Learn more

0 policies have a Named Location condition

Users

Unable to complete due to service connection. Please try again later.

Security Alerts (Preview)

portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

Microsoft Azure

Search resources, services, and docs (G+)

1

bryce.carlson@addigy.c...  
ADDIGY (ADDIGY.COM)

All services > Conditional Access | Policies >

Ayme Security Test Compliance Policy

Conditional Access policy

Delete

View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.  
[Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users ⓘ

Specific users included and specific users excluded

Target resources ⓘ

2 apps included and 1 app excluded

Conditions ⓘ

2 conditions selected

Access controls

Grant ⓘ

2 controls selected

Session ⓘ

0 controls selected

Control access based on who the policy will apply to, such as users and groups, workload identities, directory roles, or external guests.  
[Learn more](#)

Include Exclude

☐ None

☐ All users

☒ Select users and groups

☐ Guest or external users ⓘ

☐ Directory roles ⓘ

☒ Users and groups

Select

1 group

AT

Ayme Test Security Group

...

Enable policy

Report-only

On

Off

Save



portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

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All services > Conditional Access | Policies >

Ayme Security Test Compliance Policy

Conditional Access policy

Delete

View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.  
[Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users ⓘ

[Specific users included and specific users excluded](#)

Target resources ⓘ

2 apps included and 1 app excluded

Conditions ⓘ

2 conditions selected

Access controls

Grant ⓘ

2 controls selected

Session ⓘ

0 controls selected

Control access based on all or specific network access traffic, cloud apps or actions. [Learn more](#)

Select what this policy applies to

Cloud apps

Include

Exclude

☐ None

☐ All cloud apps

☒ Select apps

Edit filter (Preview)

None

Select

Microsoft Planner and 1 more

Office 365 ⓘ

...

Microsoft Planner  
09abbdfd-ed23-44ee-a2d9-a627aa1c9...

...

Enable policy

Report-only

On

Off

Save

portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

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ADDIGY (ADDIGY.COM)

All services > Conditional Access | Policies >

Ayme Security Test Compliance Policy

Conditional Access policy

Delete

View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.  
[Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users

[Specific users included and specific users excluded](#)

Target resources

[2 apps included and 1 app excluded](#)

Conditions

[2 conditions selected](#)

Access controls

Grant

[2 controls selected](#)

Session

[0 controls selected](#)

Enable policy

Report-only

On

Off

Save

Control access based on signals from conditions like risk, device platform, location, client apps, or device state.  
[Learn more](#)

Device platforms

[1 included](#)

Locations

[Not configured](#)

Client apps

[4 included](#)

Filter for devices

[Not configured](#)

Client apps

Control user access to target specific client applications not using modern authentication.  
[Learn more](#)

Configure

Yes

No

Select the client apps this policy will apply to

Modern authentication clients

☒ Browser

☒ Mobile apps and desktop clients

Legacy authentication clients

☒ Exchange ActiveSync clients

☒ Other clients

Done

portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

Microsoft Azure

Search resources, services, and docs (G+)

📄

🔍

🔔1

⚙️

❓

👤

bryce.carlson@addigy.c...  
ADDIGY (ADDIGY.COM)

All services > Conditional Access | Policies >

Ayme Security Test Compliance Policy

Conditional Access policy

🗑️ Delete

🔗 View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.  
[Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users ⓘ

[Specific users included and specific users excluded](#)

Target resources ⓘ

[2 apps included and 1 app excluded](#)

Conditions ⓘ

[2 conditions selected](#)

Access controls

Grant ⓘ

[2 controls selected](#)

Session ⓘ

[0 controls selected](#)

Enable policy

Report-only

On

Off

Save

Control access based on signals from conditions like risk, device platform, location, client apps, or device state.  
[Learn more](#)

Device platforms ⓘ

[1 included](#)

Locations ⓘ

[Not configured](#)

Client apps ⓘ

[4 included](#)

Filter for devices ⓘ

[Not configured](#)

Device platforms

×

Apply policy to selected device platforms.  
[Learn more](#)

Configure ⓘ

Yes

No

Include

Exclude

☐ Any device

☒ Select device platforms

☐ Android

☐ iOS

☐ Windows Phone

☐ Windows

☒ macOS

☐ Linux

Done

portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

Microsoft Azure

Search resources, services, and docs (G+)

bryce.carlson@addigy.c...  
ADDIGY (ADDIGY.COM)

All services > Conditional Access | Policies >

# Ayme Security Test Compliance Policy

Conditional Access policy

Delete View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users ⓘ

[Specific users included and specific users excluded](#)

Target resources ⓘ

[2 apps included and 1 app excluded](#)

Conditions ⓘ

[2 conditions selected](#)

Access controls

Grant ⓘ

[2 controls selected](#)

Session ⓘ

[0 controls selected](#)

Enable policy

Report-only On **Off**

Save

Grant

Control access enforcement to block or grant access. [Learn more](#)

☐ Block access

☒ Grant access

☒ Require multifactor authentication ⓘ

Consider testing the new "Require authentication strength". [Learn more](#)

☐ Require authentication strength ⓘ

"Require authentication strength" cannot be used with "Require multifactor authentication". [Learn more](#)

☒ Require device to be marked as compliant ⓘ

Don't lock yourself out! Make sure that your device is compliant. [Learn more](#)

☐ Require Hybrid Azure AD joined device ⓘ

☐ Require approved client ⓘ

Select



portal.azure.com/#view/Microsoft\_AAD\_ConditionalAccess/PolicyBlade/policyId/b2451e03-f2fd-4713-97

Microsoft Azure

Search resources, services, and docs (G+)

1

bryce.carlson@addigy.c...  
ADDIGY (ADDIGY.COM)

All services > Conditional Access | Policies >

Ayme Security Test Compliance Policy

Conditional Access policy

Delete

View policy information

policy to bring signals together, to make decisions, and enforce organizational policies.  
[Learn more](#)

Name \*

Ayme Security Test Compliance Policy

Assignments

Users ⓘ  
[Specific users included and specific users excluded](#)

Target resources ⓘ  
[2 apps included and 1 app excluded](#)

Conditions ⓘ  
[2 conditions selected](#)

Access controls

Grant ⓘ  
[2 controls selected](#)

Session ⓘ  
[0 controls selected](#)

Enable policy

Report-only On Off

Save

Session

Control access based on session controls to enable limited experiences within specific cloud applications. [Learn more](#)

☐ Use app enforced restrictions ⓘ

i

This control only works with supported apps. Currently, Office 365, Exchange Online, and SharePoint Online are the only cloud apps that support app enforced restrictions.  
[Learn more](#)

☐ Use Conditional Access App Control ⓘ

☒ Sign-in frequency ⓘ

☒ Periodic reauthentication

0

Select units

Hours

Days

!

Some of the applications currently selected are not compatible with the "Sign-in frequency" option of "Every time"

☐ Persistent browser session ⓘ

☐ Customize continuous access ⓘ

Select



office.com

Microsoft

Microsoft 365

Products

Resources

Templates

Support

My account

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Introducing Microsoft 365 Copilot—your copilot for work. [Learn more >](#)

Office is now  
Microsoft 365

The all-new Microsoft 365 lets you create, share and collaborate all in one place with your favorite apps

Sign in

Get Microsoft 365

[Sign up for the free version of Microsoft 365 >](#)

Microsoft 365

Good afternoon, Kat

Cameron Evans recorded a meeting 5h ago · Alan Birthday Celebration!

Elvia Atkins + 5 others made changes 5h ago · Time Plan

Daisy Phillips ment 5h ago · Classroom Co

My Content

Recently opened

You opened this 5h ago

We are VanArsdel.

All of our collective experiences make up how

Culture and plan Cortana OneDrive

You opened 5h ago

My Content

Bring your ideas to life

Inclusive quotes This replied to a comment

Event Planning Proposal

All of our collective experiences make up how we come through

Collective Experience You recently opened

Sustainability draft Robert shared this in a Teams chat

The team.

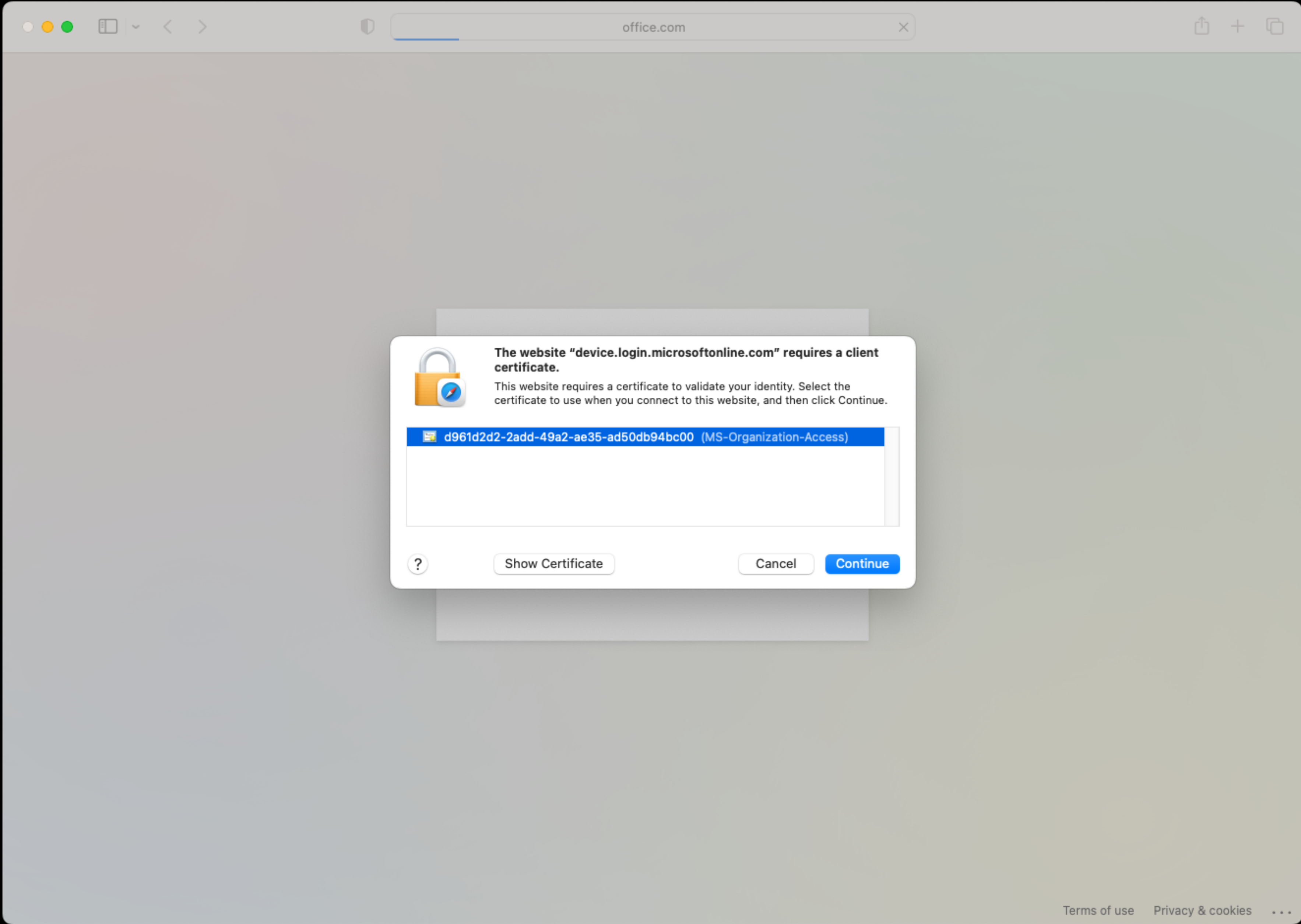
& Performance

Plants

W

X






The website "device.login.microsoftonline.com" requires a client certificate.



This website requires a certificate to validate your identity. Select the certificate to use when you connect to this website, and then click Continue.

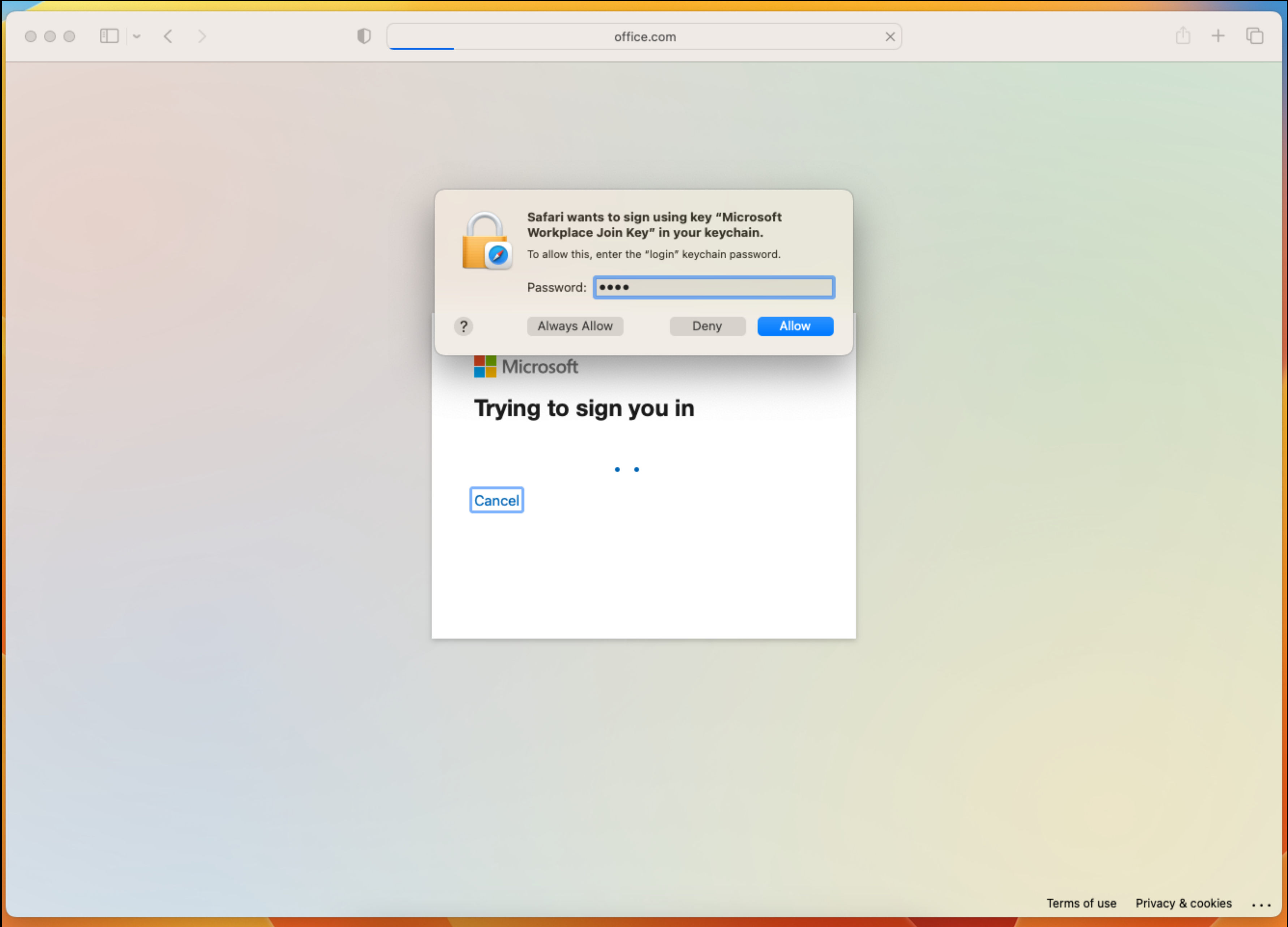
-  d961d2d2-2add-49a2-ae35-ad50db94bc00 (MS-Organization-Access)



Show Certificate

Cancel

Continue



Safari wants to sign using key "Microsoft Workplace Join Key" in your keychain.

To allow this, enter the "login" keychain password.

Password:



Always Allow

Deny

Allow




Trying to sign you in



Cancel



login.microsoftonline.com

 Addigy

bryce.carlson@addigy.com

**Set up your device to get access**

Addigy requires you to secure this device before you can access Addigy email, files and data.

If you go to other apps or sites, they may recognize that you are signed in. You can enroll your device with Addigy or [sign out](#).

[Sign out and sign in with a different account](#)


[More details](#)

Continue

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login.microsoftonline.com

Addigy

bryce.carlson@addigy.com

**Get access to this resource**

This device does not meet your organization's compliance requirements. Open your organization's device management portal to take action.

If you go to other apps or sites, they may recognize that you are signed in. You can enroll your device with Addigy or [sign out](#).

[Sign out and sign in with a different account](#)

[More details](#)

Open

Troubleshooting details

×

If you contact your administrator, send this info to them.

[Copy info to clipboard](#)

**Error Code:** 530002  
**Request Id:** d4fb07c8-d95d-45e1-a7e8-c1087412e400  
**Correlation Id:** d34f7dff-39c9-4fe7-b31f-240d4e073def  
**Timestamp:** 2023-04-12T17:46:11.582Z  
**App name:** OfficeHome  
**App id:** 4765445b-32c6-49b0-83e6-1d93765276ca  
**IP address:** 45.30.206.70  
**Device identifier:** d961d2d2-2add-49a2-ae35-ad50db94bc00  
**Device platform:** macOS  
**Device state:** Managed


**Flag sign-in errors for review:** [Enable flagging](#)

If you plan on getting help for this problem, enable





login.microsoftonline.com

 Addigy

bryce.carlson@addigy.com

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Addigy

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[Sign out and sign in with a different account](#)

[More details](#)

Continue

Troubleshooting details

If you contact your administrator, send this info to them.

[Copy info to clipboard](#)

Error Code: 530003

Request Id: 0af92c64-8806-47cb-85b4-56c841dff900

Correlation Id: 35a89f7b-0485-4b2d-996a-bdd95cd79b3f

Timestamp: 2023-01-27T04:10:42.191Z

App name: Sway

App id: 905fcf26-4eb7-48a0-9ff0-8dcc7194b5ba

IP address: 104.28.133.140

Device identifier: Not available

Device platform: macOS

Device state: [Unregistered](#)

Flag sign-in errors for review: [Enable flagging](#)

If you plan on getting help for this problem, enable flagging and try to reproduce the error within 20 minutes. Flagged events make diagnostics available and are raised to admin attention.

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portal.azure.com/#view/Microsoft\_AAD\_IAM/ActiveDirectoryMenuBlade/~-/SignIns

Microsoft Azure

Search resources, services, and docs (G+)

Home > Addigy

Addigy | Sign-in logs

Azure Active Directory

Licenses

Cross-tenant synchronization

Azure AD Connect

Custom domain names

Mobility (MDM and MAM)

Password reset

Company branding

User settings

Properties

Security

Monitoring

Sign-in logs

Audit logs

Provisioning logs

Health (Preview)

Log Analytics

Diagnostic settings

Workbooks

Usage & insights

Bulk operation results (Preview)

Troubleshooting + Support

New support request

Download

Export Data Settings

Troubleshoot

Refresh

Columns

Got feedback?

Want to switch back to the default sign-ins experience? Click here to leave the preview.

Date : Last 24 hours

Show dates as : Local

User contains bryce

Add filters

User sign-ins (interactive)

User sign-ins (non-interactive)

Service principal sign-ins

Managed identity sign-ins

Date	Request ID	User	Application	Status	IP address	Location	Conditional Acc...	Authentic
7/18/2023, 9:52:25 PM	-4a5...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 9:47:05 PM	-474a...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 9:39:17 PM	-474...	Bryce Carlson	Microsoft Teams	Failure		State College, Penns...	Not Applied	Multifacto
7/18/2023, 9:37:13 PM	4434...	Bryce Carlson	OfficeHome	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 9:17:34 PM	-4144...	Bryce Carlson	OfficeHome	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 7:57:43 PM	-40bf...	Bryce Carlson	Microsoft Office	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 7:57:36 PM	125a-...	Bryce Carlson	Microsoft Authentica...	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 7:42:19 PM	-4b47...	Bryce Carlson	Microsoft Office	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 7:16:05 PM	1b48-...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 7:10:14 PM	-4c3...	Bryce Carlson	Microsoft Office	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 7:10:13 PM	-485...	Bryce Carlson	Microsoft Authentica...	Success		Green Bay, Wisconsi...	Not Applied	Single-fac
7/18/2023, 11:50:55 ...	4280...	Bryce Carlson	Microsoft Teams	Success		State College, Penns...	Not Applied	Multifacto
7/18/2023, 11:45:27 ...	-428f...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 10:15:02 ...	-46d...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 7:27:46 A...	-43e...	Bryce Carlson	Microsoft Communit...	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 6:50:39 A...	-4cfb...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac
7/18/2023, 6:29:31 A...	4508...	Bryce Carlson	Azure Portal	Success		State College, Penns...	Not Applied	Single-fac



# Activity Details: Sign-ins

Basic info		Location	Device info	Authentication Details	Conditional Access	Report-only
Date		7/18/2023, 10:00:29 PM				
Request ID						
Correlation ID						
Authentication requirement		Single-factor authentication				
Status		Success				
Continuous access evaluation		No				
		Follow these steps:				
Troubleshoot Event		<a href="#">Launch the Sign-in Diagnostic.</a>				
		1. Review the diagnosis and act on suggested fixes.				
User		<a href="#">Bryce Carlson</a>				
Username		bryce.carlson@addigy.com				
User ID						
Sign-in identifier						
User type		Member				
Cross tenant access type		None				
Application		OfficeHome				
Application ID		4765445b-32c6-49b0-83e6-1d93765276ca				
Resource		OfficeHome				
Resource ID						
Resource tenant ID						
Home tenant ID						

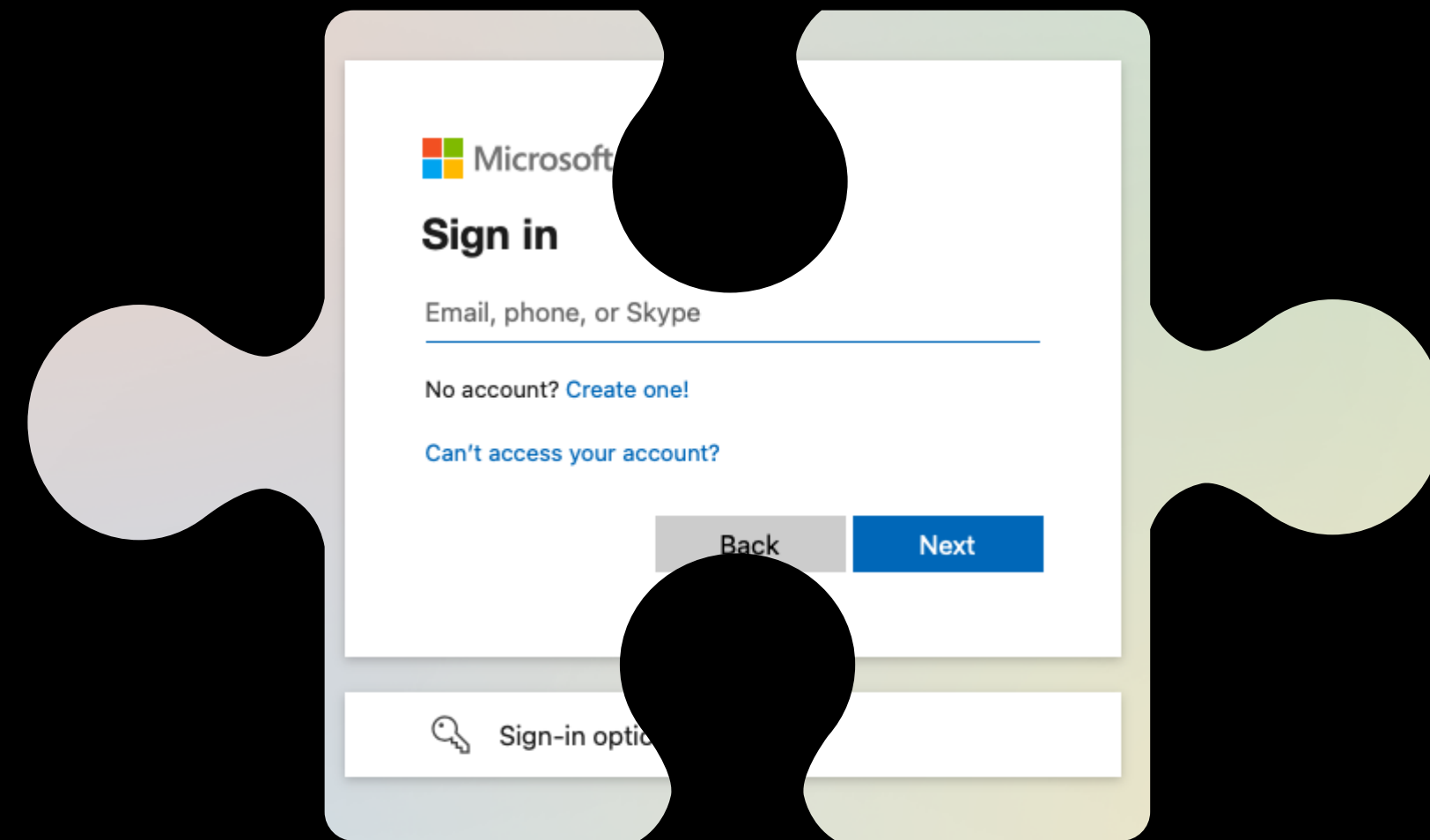
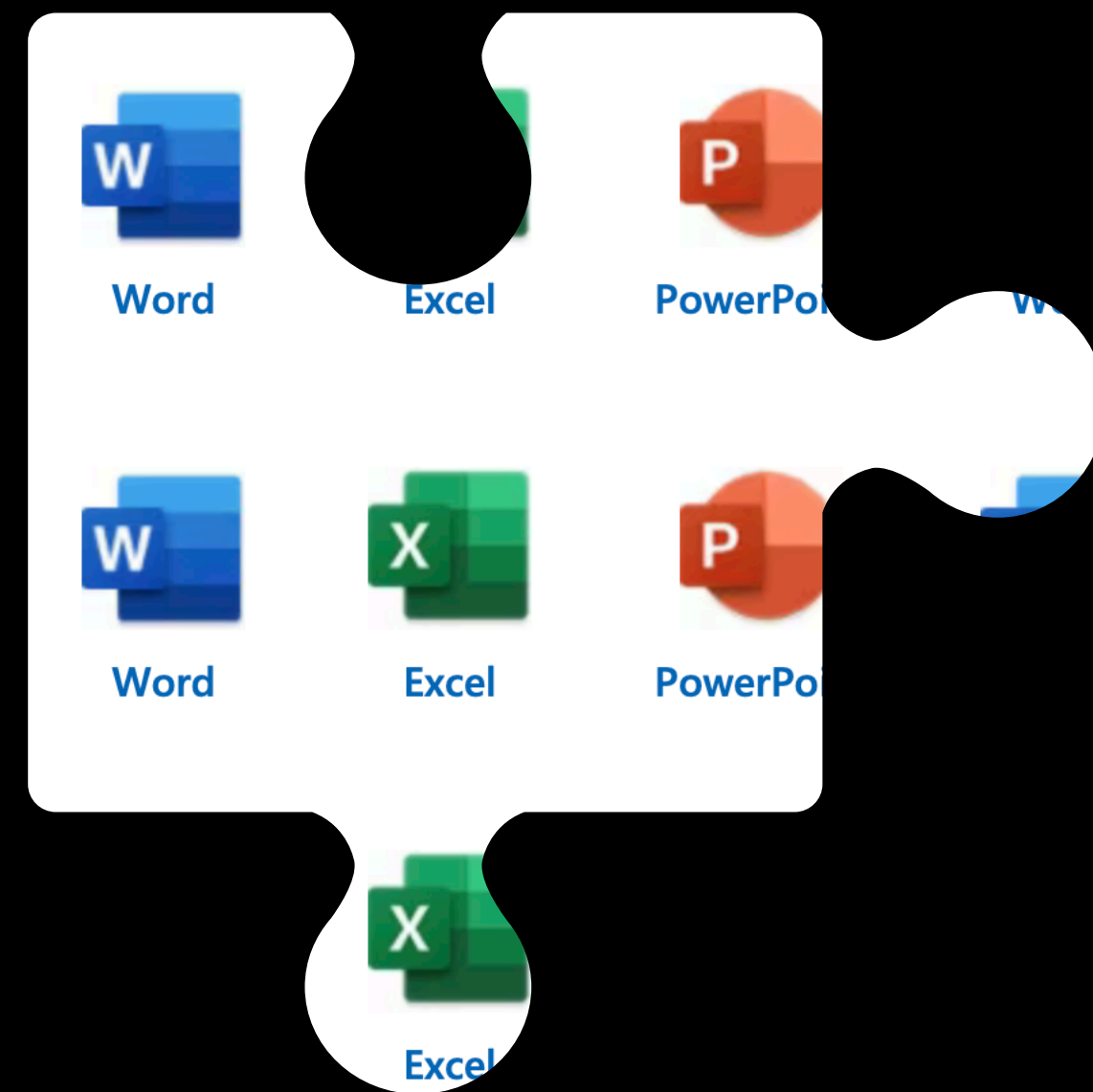
# Activity Details: Sign-ins



Basic info	Location	Device info	Authentication Details	Conditional Access	Report-only	
Date	Authentication met...	Authentication met...	Succeeded	Result detail	Requirem...	
7/18/2023, 10:00:29 PM	Previously satisfied	Azure AD SSO plug-in	true	First factor requireme...		

# Activity Details: Sign-ins

Basic info	Location	Device info	Authentication Details	Conditional Access	Report-only
Device ID			41d0		
Browser	Safari 16.5.2				
Operating System	MacOs				
Compliant	No				
Managed	Yes				
Join Type	Azure AD registered				







**Q&A**



Thank You



# Post session links and notes

- Blog post about WPJ cert. removal
  - <https://www.macbuddy.info/blog/lets-get-conditional-unconditional-love-scripted>
- WPJ PRT
  - <https://learn.microsoft.com/en-us/azure/active-directory/devices/troubleshoot-mac-sso-extension-plugin#checking-keychain-access-for-prt>
- Company Portal Logs
  - <https://learn.microsoft.com/en-us/mem/intune/user-help/send-errors-macos>
- Jamf Integration Slack Room
  - <https://learn.microsoft.com/en-us/mem/intune/user-help/send-errors-macos>