



IMPROVE IDENTITY SECURITY IN AZURE AD

JAN BAKKER

DUTCH CLOUD MEETUP

10.11.2022



AKA.MS/[JANBAKKER](#)

- Identity & Access Management | Security
- MVP Enterprise & Mobility

WHAT'S ON THE AGENDA?



The problem with passwords



Live phishing demo!



Tips for better identity security in
Azure AD

“IDENTITY IS THE NEW PERIMETER”

ZERO TRUST

WHAT IS ZERO TRUST?

VERIFY EXPLICITLY

ASSUME BREACH

LEAST PRIVILEGE

PhaaS, cybercriminals offer multiple services within a single subscription. In general, a purchaser needs to take only three actions:

[Microsoft Digital Defense Report 2022](#)

1

Select a phishing site template/design from among the hundreds offered.

2

Provide an email address to receive credentials obtained from phishing victims.

3

Pay the PhaaS merchant in cryptocurrency.

Once these steps are completed, the PhaaS merchant creates services with three or four layers of redirect and



10 TIPS TO IMPROVE YOUR IDENTITY SECURITY IN AZURE AD

I. BLOCK LEGACY AUTHENTICATION

More than **99 %** of password spray attacks use legacy authentication protocols

More than **97 %** of credential stuffing attacks use legacy authentication

Azure AD accounts in organizations that have disabled legacy authentication experience **67 %** fewer compromises than those where legacy authentication is enabled

Effective October 1, 2022, we will begin to permanently disable Basic Authentication for Exchange Online in all Microsoft 365 tenants regardless of usage, except for SMTP Authentication.

[Home](#) > [Conditional Access | Policies](#) >

Create new policy from templates (Preview) ...

[Got feedback?](#)[Customize your build](#) **Select template** [Review + create](#)

We recommend the following templates based on your response

 Require multifactor authentication for admins

Require multifactor authentication for privileged administrative accounts to reduce risk of compromise. This policy will target the same roles as Security Default.

[View policy summary](#) Require multifactor authentication for Azure management

Require multifactor authentication to protect privileged access to Azure resources.

[View policy summary](#) Securing security info registration

Secure when and how users register for Azure AD multifactor authentication and self-service password.

[View policy summary](#) Block legacy authentication

Block legacy authentication endpoints that can be used to bypass multifactor authentication.

[View policy summary](#) Require multifactor auth all users

Require multifactor auth all user accounts to reduce compromise.

[View policy summary](#) Require multifactor authentication for risky sign-ins

Require multifactor authentication if the sign-in risk is detected to be medium or high. (Requires an Azure AD Premium 2 License)

[View policy summary](#) Require password change for high-risk users

Require the user to change their password if the user risk is detected to be high. (Requires an Azure AD Premium 2 License)

[View policy summary](#)

Name your policy

Policy state

 Off On Report-only

Policy summary

Policy template

Basics

Template category

Identities

Policy template

CA003: Block legacy authentication

Assignments**Users and groups**

Included users

All Users

Excluded users

Current user

Cloud apps or actions

Cloud apps

All apps

Conditions**Client apps**

Legacy authentication clients

Exchange ActiveSync clients
Other clients**Access controls**

Block access

Selected

2. REQUIRE MFA FOR ALL USERS

Your password doesn't matter, but MFA does! Based on our studies, your account
is more than **99.9%** less likely to be compromised if you use MFA.

Bad: Password

123456

qwerty

password

iloveyou

Password1

Good: Password and...



SMS



Voice

Better: Password and...



Authenticator
(Push Notifications)



Software
Tokens OTP



Hardware Tokens OTP
(Preview)

Best: Passwordless



Authenticator
(Phone Sign-in)



Window
Hello



FIDO2 security key



Certificates

[Home](#) > [Conditional Access | Policies](#) >

Create new policy from templates (Preview)

 Got feedback?[Customize your build](#) [Select template](#) [Review + create](#)

We recommend the following templates based on your response

- | | | | | |
|---|---|---|--|---|
| <input type="radio"/> Require multifactor authentication for admins | <input type="radio"/> Securing security info registration | <input type="radio"/> Block legacy authentication | <input checked="" type="radio"/> Require multifactor authentication for all users | <input type="radio"/> Require multifactor authentication for guest access |
| Require multifactor authentication for privileged administrative accounts to reduce risk of compromise. This policy will target the same roles as Security Default. | Secure when and how users register for Azure AD multifactor authentication and self-service password. | Block legacy authentication endpoints that can be used to bypass multifactor authentication. | Require multifactor authentication for all user accounts to reduce risk of compromise. | Require guest users perform multifactor authentication when accessing your company resources. |
| View policy summary | View policy summary | View policy summary | View policy summary | View policy summary |
| <input type="radio"/> Require multifactor authentication for Azure management | <input type="radio"/> Require multifactor authentication for risky sign-ins | <input type="radio"/> Require password change for high-risk users | | |
| Require multifactor authentication to protect privileged access to Azure resources. | Require multifactor authentication if the sign-in risk is detected to be medium or high. (Requires an Azure AD Premium 2 License) | Require the user to change their password if the user risk is detected to be high. (Requires an Azure AD Premium 2 License) | | |
| View policy summary | View policy summary | View policy summary | | |

Name your policy

Policy state

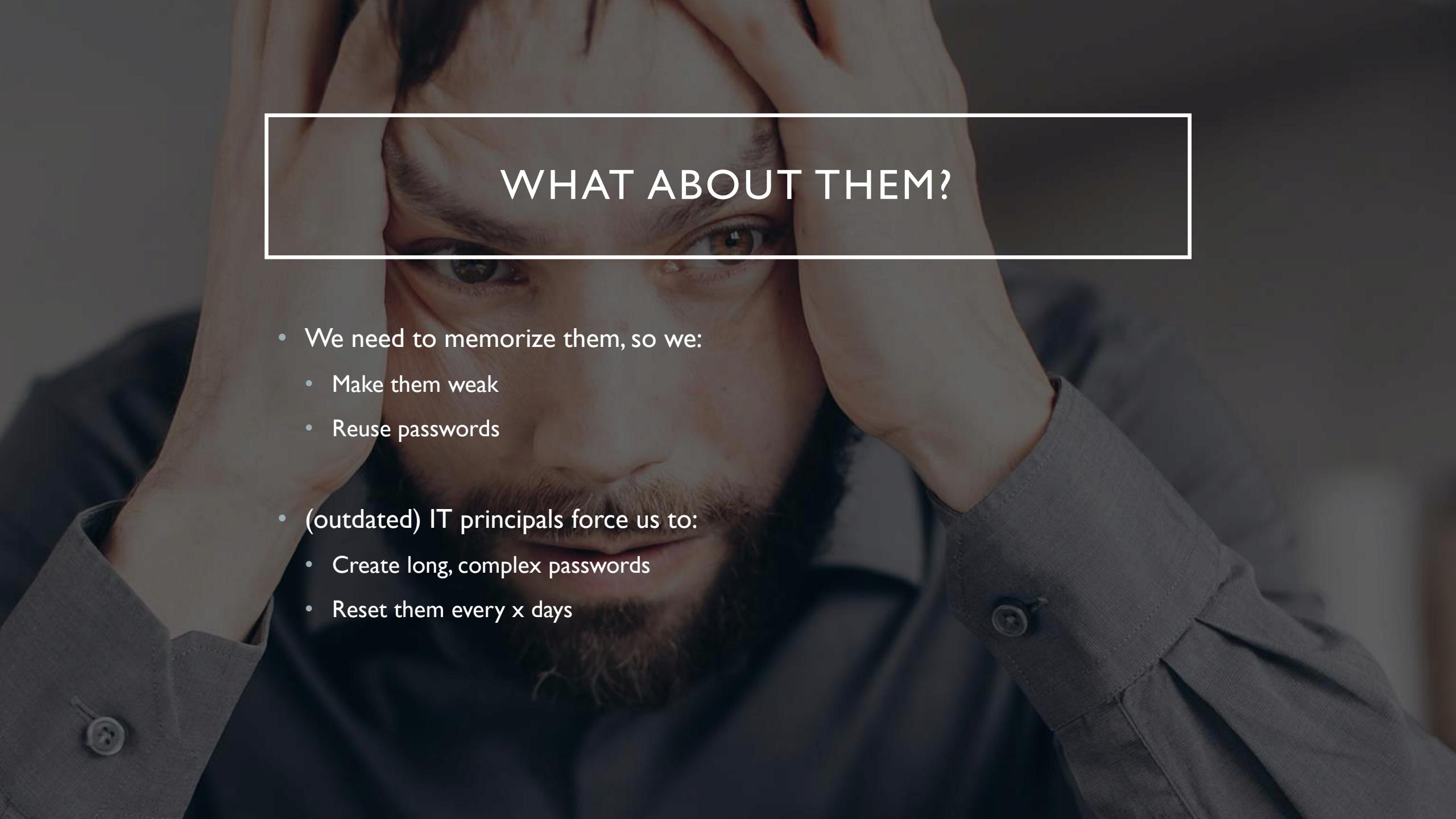
 Off On Report-only

EVILGINX DEMO



A black and white photograph of two soldiers in camouflage uniforms. One soldier is in the foreground, facing right and saluting with his right hand. The other soldier is partially visible behind him, also in uniform. They appear to be outdoors in a field.

3. LET'S TALK ABOUT PASSWORDS



WHAT ABOUT THEM?

- We need to memorize them, so we:
 - Make them weak
 - Reuse passwords
- (outdated) IT principals force us to:
 - Create long, complex passwords
 - Reset them every x days



BAN COMMON PASSWORDS, TO KEEP THE MOST
VULNERABLE PASSWORDS OUT OF YOUR SYSTEM

Azure AD Password Protection

- Default global passwords
- Custom password (up to a 1000)

DON'T REQUIRE CHARACTER COMPOSITION REQUIREMENTS. FOR EXAMPLE, *&(^%\$

Some complexity requirements even prevent users from using secure and memorable passwords, and force them into coming up with less secure and less memorable passwords.



DON'T REQUIRE MANDATORY PERIODIC
PASSWORD RESETS FOR USER ACCOUNTS

TO ENCOURAGE USERS TO THINK ABOUT A
UNIQUE PASSWORD, WE RECOMMEND KEEPING A
REASONABLE **14-CHARACTER**
MINIMUM LENGTH REQUIREMENT.



Flower-country

bus-Corn-fleet

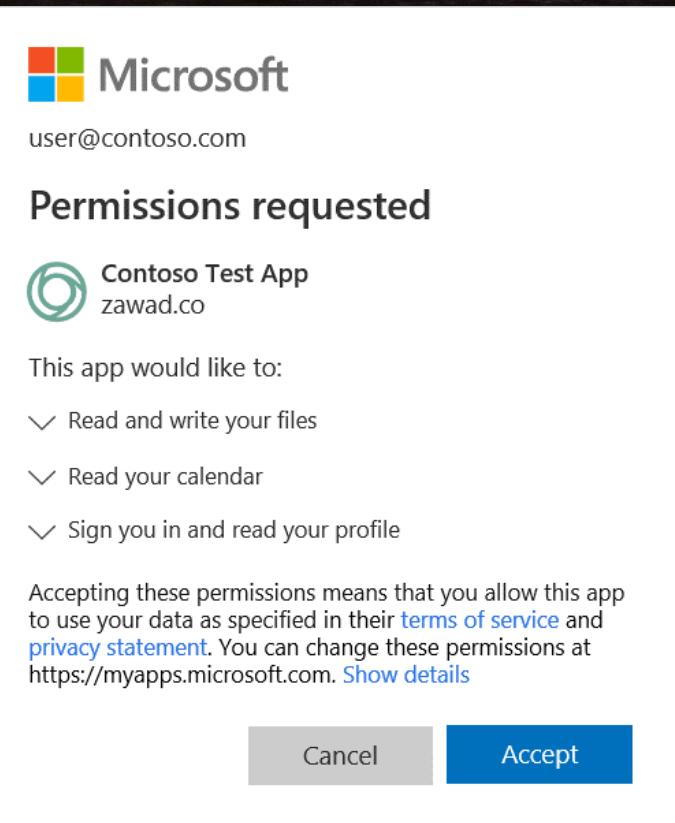


4. ENABLE PASSWORD HASH SYNC

Password Hash Sync also enables **leaked credential detection** for your hybrid accounts. Microsoft works alongside dark web researchers and law enforcement agencies to find publicly available username/password pairs. If any of these pairs match those of our users, the associated account is moved to high risk.



5. CONSENT PHISHING ATTACKS



Consent and permissions | User consent settings



<<

Save

Discard

Got feedback?

Manage

User consent settings

Permission classifications

Control when end users and group owners are allowed to grant consent to applications, and when they will be required to request administrator review and approval. Allowing users to grant apps access to data helps them acquire useful applications and be productive, but can represent a risk in some situations if it's not monitored and controlled carefully.

User consent for applications

Configure whether users are allowed to consent for applications to access your organization's data. [Learn more](#)

Do not allow user consent

An administrator will be required for all apps.

Allow user consent for apps from verified publishers, for selected permissions (Recommended)

All users can consent for permissions classified as "low impact", for apps from verified publishers or apps registered in this organization.

[2 permissions classified as low impact](#)

Allow user consent for apps

All users can consent for any app to access the organization's data.

Group owner consent for apps accessing data

Configure whether group owners are allowed to consent for applications to access your organization's data for the groups they own. [Learn more](#)

Do not allow group owner consent

Group owners cannot allow applications to access data for the groups they own.

Allow group owner consent for selected group owners

Only selected group owners can allow applications to access data for the groups they own.

Allow group owner consent for all group owners

All group owners can allow applications to access data for the groups they own.

Enterprise applications | User settings

Contoso - Azure Active Directory



Save



Discard



Got feedback?

Overview

Overview

Diagnose and solve problems

Manage

All applications

Application proxy

User settings

Collections

Security

Conditional Access

Consent and permissions

Activity

Sign-in logs

Usage & insights

Audit logs

Provisioning logs

Admin consent requests

Users can request admin consent to apps they are unable to consent to Yes No

Who can review admin consent requests



Reviewer type

Reviewers

Users

+ Add users

Groups (Preview)

+ Add groups

Roles (Preview)

1 role selected.

Selected users will receive email notifications for requests Yes No

Selected users will receive request expiration reminders Yes No

Consent request expires after (days)

30

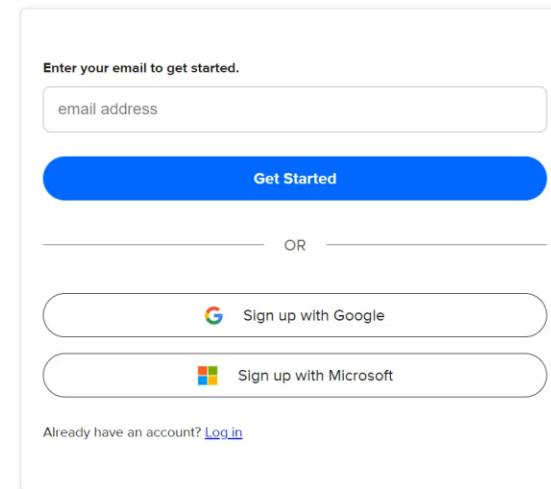
Office 365 Settings

Microsoft Office Home

Sign Up - Calendly

https://calendly.com/app/signup?lang=en

A Guest



The image shows the sign-up page for Calendly. At the top, there's a header with the Calendly logo and a link to "Sign up with Calendly for free". Below this is a large input field labeled "Enter your email to get started." followed by a blue "Get Started" button. A horizontal line with the word "OR" in the center separates this from two social sign-up options: "Sign up with Google" (with its logo) and "Sign up with Microsoft" (with its logo). At the bottom left, there's a link "Already have an account? Log in". At the very bottom center, there's a language selection dropdown set to "English".

Enter your email to get started.

email address

Get Started

OR

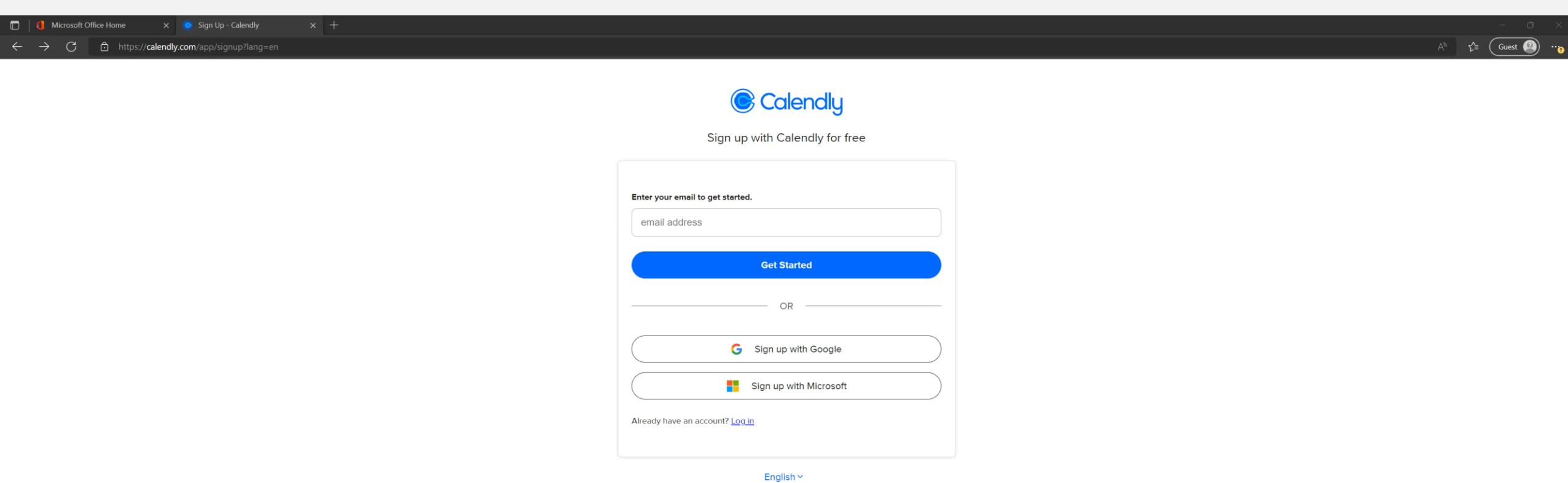
G Sign up with Google

Microsoft Sign up with Microsoft

Already have an account? [Log in](#)

English ▾

App consent with admin approval



App consent without admin approval

6. AUTHENTICATION CONTEXT & NUMBER MATCHING



Microsoft Authenticator settings



The Microsoft Authenticator app is a flagship authentication method, usable in passwordless or simple push notification approval modes. The app is free to download and use on Android/iOS mobile devices. [Learn more](#).

Basics Configure

Note: Users must be included as part of the Microsoft Authenticator targeted groups under the 'Basics' tab.

1

Require number matching for push notifications

Note: If the feature status is set to Microsoft-managed, it will be enabled by Microsoft at an appropriate time after the preview. [Learn more](#)

Status Enabled

Target Include Exclude

All users

Select group

2

Show application name in push and passwordless notifications

Note: If the feature status is set to Microsoft-managed, it will be enabled by Microsoft at an appropriate time after the preview. [Learn more](#)

Status Enabled

Target Include Exclude

All users

Select group

3

Show geographic location in push and passwordless notifications

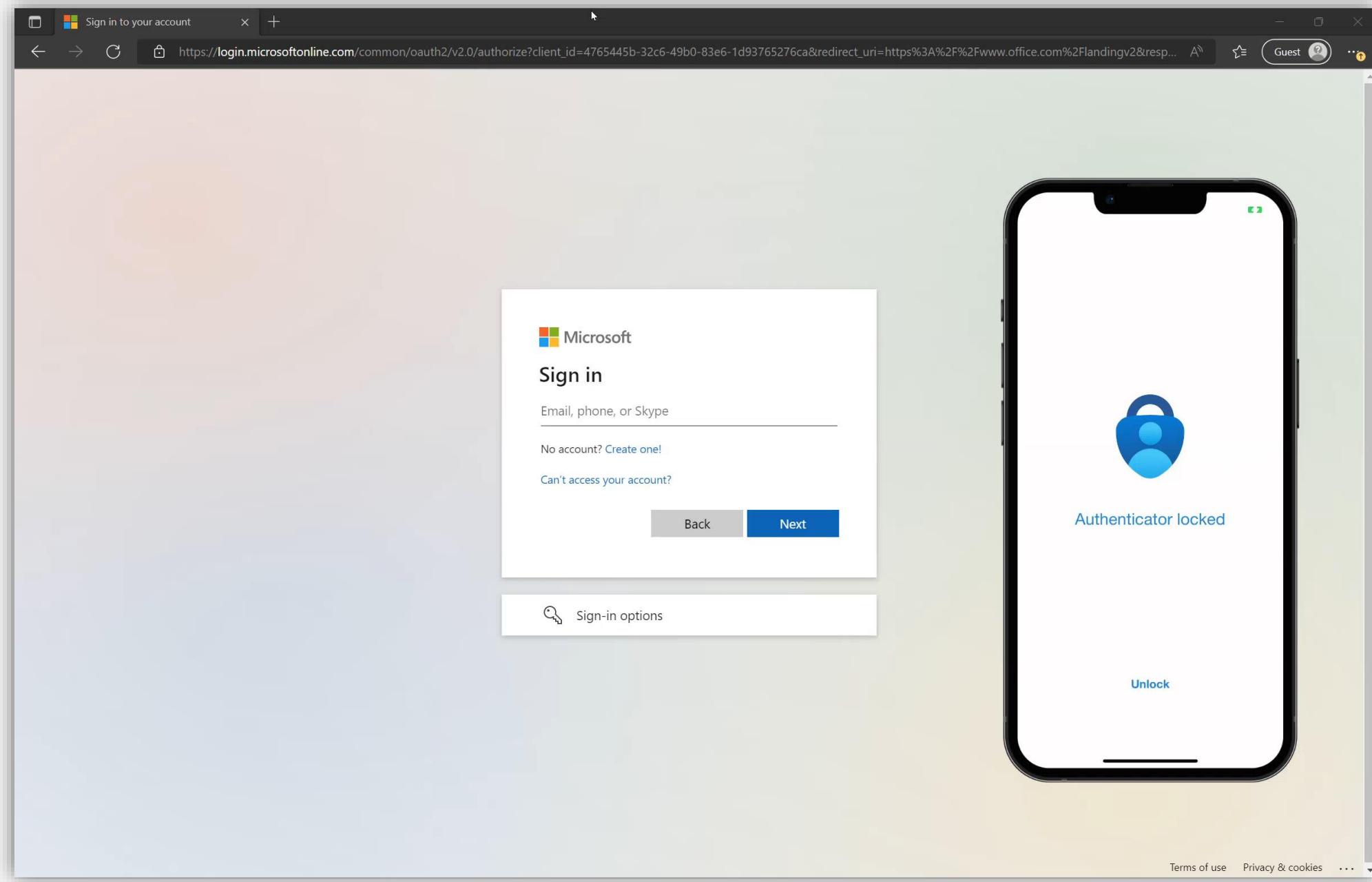
Note: If the feature status is set to Microsoft-managed, it will be enabled by Microsoft at an appropriate time after the preview. [Learn more](#)

Status Enabled

Target Include Exclude

All users

Select group



7. CONDITIONAL ACCESS

REQUIRE DEVICE TO BE
MARKED AS COMPLIANT OR
HYBRID AZURE AD JOINED
DEVICE



New

Conditional Access policy

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.

[Learn more](#)

Name *

Assignments

Users or workload identities [0 users or workload identities selected](#)Cloud apps or actions [No cloud apps, actions, or authentication contexts selected](#)Conditions [0 conditions selected](#)

Access controls

Grant [0 controls selected](#)Session [0 controls selected](#)

Enable policy

Grant

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

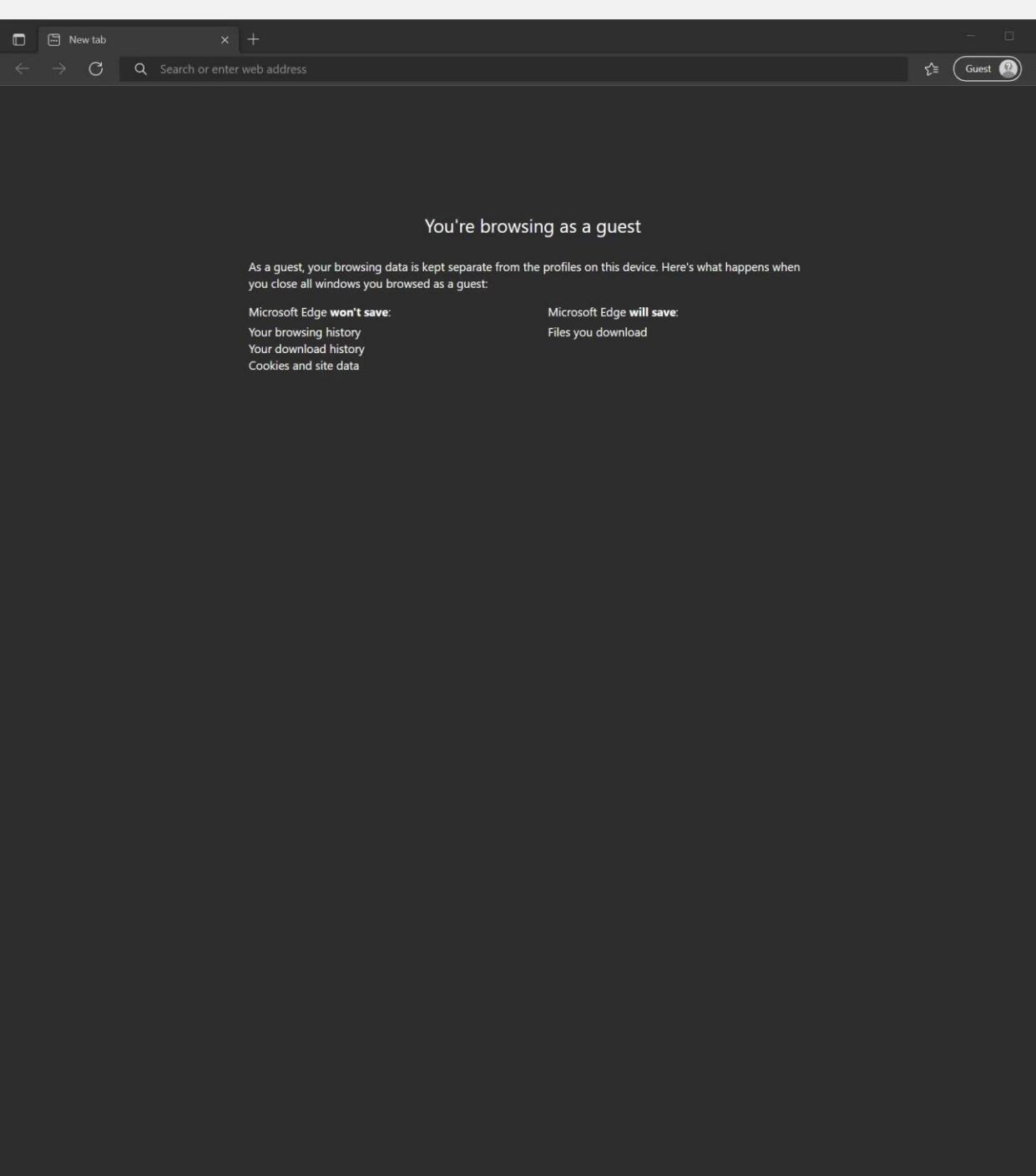
 Block access Grant access Require multifactor authentication  Require authentication strength (Preview)  Require device to be marked as compliant 

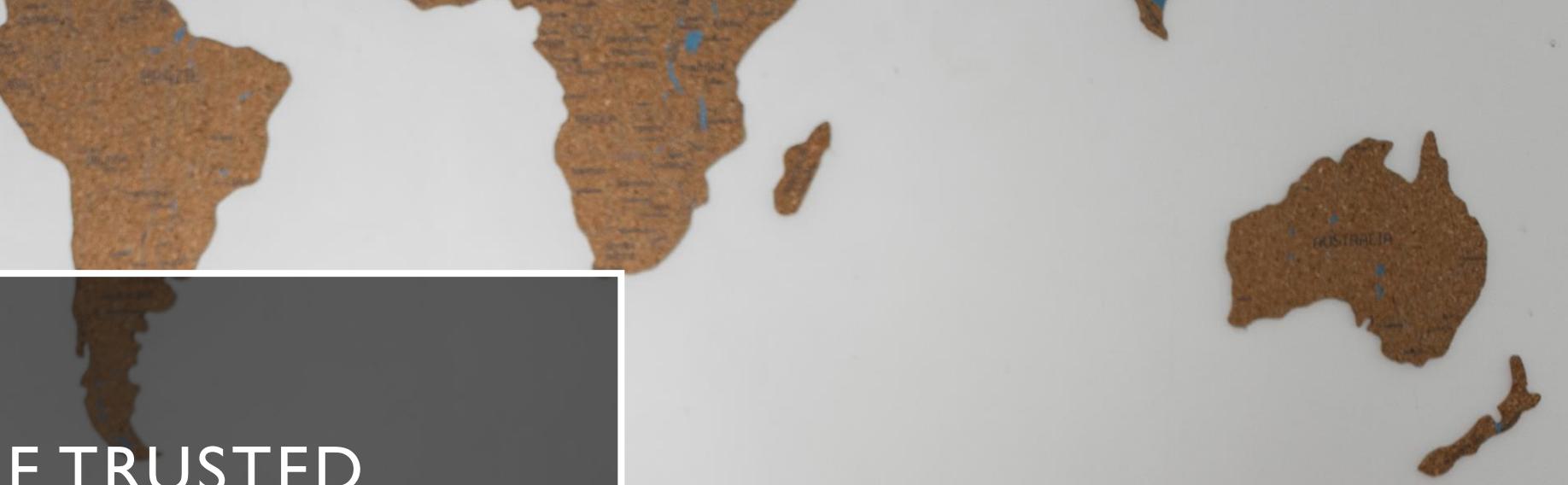
 Don't lock yourself out! Make sure that your device is compliant.

 Require Hybrid Azure AD joined device 

 Don't lock yourself out! Make sure that your device is Hybrid Azure AD Joined.

 Require approved client app [See list of approved client apps](#) Require app protection policy [See list of policy protected client apps](#) Require password change 





REQUIRE TRUSTED
LOCATIONS





New

...

Conditional Access policy

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

Name *

Assignments

Users or workload identities 

0 users or workload identities selected

Cloud apps or actions 

No cloud apps, actions, or authentication contexts selected

Conditions 

1 condition selected

Access controls

Grant 

0 controls selected

Session 

0 controls selected

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

User risk 

Not configured

Sign-in risk 

Not configured

Device platforms 

Not configured

Locations 

Any location and all trusted locations excluded

Client apps 

Not configured

Filter for devices 

Not configured

Control user access based on their physical location. [Learn more](#)

Configure  Yes NoInclude Exclude 

Select the locations to exempt from the policy

 All trusted locations Selected locations

New tab x +

Guest ?

Search or enter web address

You're browsing as a guest

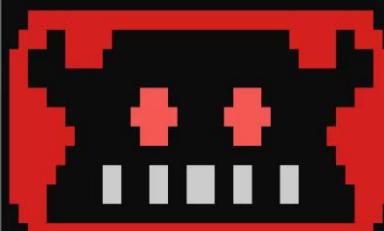
As a guest, your browsing data is kept separate from the profiles on this device. Here's what happens when you close all windows you browsed as a guest:

Microsoft Edge **won't save**:
Your browsing history
Your download history
Cookies and site data

Microsoft Edge **will save**:
Files you download

Windows PowerShell x +

root@vps8874:~# evilginx



-- Gone Phishing --

by Kuba Gretzky (@mrgretzky) version 2.4.2

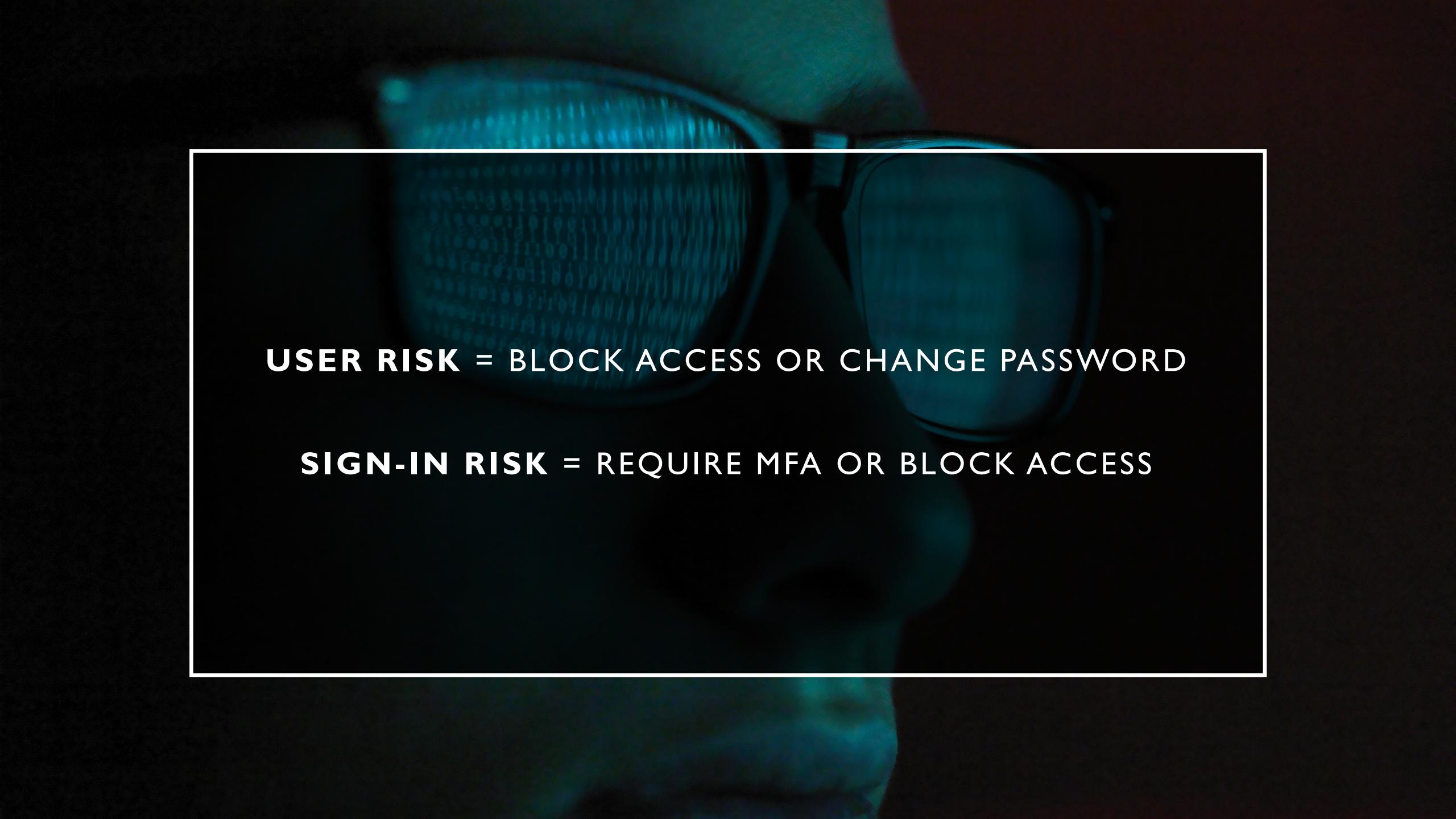
```
[07:49:37] [inf] loading phishlets from: /usr/share/evilginx/phishlets/
[07:49:37] [inf] loading configuration from: /root/.evilginx
[07:49:37] [inf] blacklist: loaded 8 ip addresses or ip masks
[07:49:37] [inf] setting up certificates for phishlet 'o365'...
[07:49:37] [!!!] successfully set up SSL/TLS certificates for domains: [login.microsoftonline.com www.microsoftonline.com login.microsoftonline.com]
```

phishlet	author	active	status	hostname
linkedin	@mrgretzky	disabled	available	
citrix	@424f424f	disabled	available	
okta	@nikesiegel	disabled	available	
reddit	@customsync	disabled	available	
twitter-mobile	@white_fi	disabled	available	
twitter	@white_fi	disabled	available	
coinbase	@An0nud4y	disabled	available	
instagram	@charlesbel	disabled	available	
o365	@jamescullum	enabled	available	microsoftonl...
paypal	@An0nud4y	disabled	available	
wordpress.org	@neitar	disabled	available	
amazon	@customsync	disabled	available	
booking	@Anonymous	disabled	available	
facebook	@charlesbel	disabled	available	
github	@audibleblink	disabled	available	
onelogin	@perfectlylog...	disabled	available	
outlook	@mrgretzky	disabled	available	
protonmail	@jamescullum	disabled	available	
tiktok	@An0nUD4Y	disabled	available	
airbnb	@AN0NUD4Y	disabled	available	

:



RISK-BASED CONDITIONAL
ACCESS (IDENTITY PROTECTION)

A dark, moody photograph of a person from the side and slightly behind. They are wearing a black hooded sweatshirt and a dark mask. Their face is partially obscured by shadow. In front of them is a computer monitor displaying a grid of binary code (0s and 1s). The overall atmosphere is mysterious and tech-oriented.

USER RISK = BLOCK ACCESS OR CHANGE PASSWORD

SIGN-IN RISK = REQUIRE MFA OR BLOCK ACCESS

New ...

Conditional Access policy

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

Name *

Example: 'Device compliance app policy'

Assignments

Users or workload identities ⓘ

0 users or workload identities selected

Cloud apps or actions ⓘ

No cloud apps, actions, or authentication contexts selected

Conditions ⓘ

1 condition selected

Access controls

Grant ⓘ

0 controls selected

Session ⓘ

0 controls selected

Enable policy

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

User risk ⓘ

2 included

Sign-in risk ⓘ

Not configured

Device platforms ⓘ

Not configured

Locations ⓘ

Not configured

Client apps ⓘ

Not configured

Filter for devices ⓘ

Not configured

Sign-in risk

Control user access to respond to specific sign-in risk levels. [Learn more](#)

Configure ⓘ

Yes

No

Sign-in risk level is generated based on all real-time risk detections.

Select the sign-in risk level this policy will apply to

 High Medium Low No risk



REQUIRE AUTHENTICATION
STRENGTH (PREVIEW)

BUILT-IN AUTHENTICATION STRENGTHS

Authentication method combination	MFA strength	Passwordless MFA strength	Phishing-resistant MFA strength
FIDO2 security key	✓	✓	✓
Windows Hello for Business	✓	✓	✓
Certificate-based authentication (Multi-Factor)	✓	✓	✓
Microsoft Authenticator (Phone Sign-in)	✓	✓	
Temporary Access Pass (One-time use AND Multi-use)	✓		
Password + something you have ¹	✓		
Federated single-factor + something you have ¹	✓		
Federated Multi-Factor	✓		
Certificate-based authentication (single-factor)			
SMS sign-in			
Password			
Federated single-factor			

Authentication methods | Authentication strengths (Preview)

Contoso - Azure AD Security

Search



+ New authentication strength

Refresh

Authentication strengths determine the combination of authentication methods that can be used.
[Learn more](#)

Type: All

Authentication methods: All

Reset filters

Authentication strength ↓	Type	Authentication methods
Authenticator App only	Custom	Password + Microsoft Authenticator (Push Notification)
Multi-factor authentication	Built-in	Windows Hello For Business and 16 more
Passwordless MFA	Built-in	Windows Hello For Business and 3 more
Phishing-resistant MFA	Built-in	Windows Hello For Business and 2 more

New authentication strength

Custom

Configure

Review

Name *

WhfB Only

Description

Add a description for your authentication strength

Search authentication combinations

▼ Phishing-resistant multifactor authentication (3)

 Windows Hello For Business FIDO2 Security Key
[Advanced options](#) Certificate Based Authentication (Multi-Factor)

▼ Passwordless multifactor authentication (1)

 Microsoft Authenticator (Phone Sign-in)

▼ Multifactor authentication (13)

 Temporary Access Pass (One-time use) Temporary Access Pass (Multi-use) Password + Microsoft Authenticator (Push Notification) Password + Software OATH token Password + Hardware OATH token Password + SMS

New

Conditional Access policy

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.

[Learn more](#)

Name *

Assignments

Users or workload identities 

0 users or workload identities selected

Cloud apps or actions 

No cloud apps, actions, or authentication contexts selected

Conditions 

0 conditions selected

Access controls

Grant 

0 controls selected

Session 

0 controls selected

Enable policy

Grant

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

 Block access Grant access Require multifactor authentication  Require authentication strength (Preview) WHfB Only 

Authenticator App only

WHfB Only

Multifactor authentication

Combinations of methods that satisfy strong authentication, such as Password + SMS  Passwordless multifactor authentication  Passwordless methods that satisfy strong authentication, such as Microsoft Authenticator  Phishing-resistant multifactor authentication  Phishing-resistant Passwordless methods for the strongest authentication, such as FIDO2 Security Key 

DEMO AUTHENTICATION
STRENGTHS

8. DETECTION

- Defender for Cloud Apps
- Azure AD Identity Protection
- Defender for Office 365
- Defender for Endpoint

Suspicious inbox manipulation rules	Offline	This detection is discovered by Microsoft Defender for Cloud Apps . This detection profiles your environment and triggers alerts when suspicious rules that delete or move messages or folders are set on a user's inbox. This detection may indicate that the user's account is compromised, that messages are being intentionally hidden, and that the mailbox is being used to distribute spam or malware in your organization.
Password spray	Offline	A password spray attack is where multiple usernames are attacked using common passwords in a unified brute force manner to gain unauthorized access. This risk detection is triggered when a password spray attack has been performed.
Impossible travel	Offline	This detection is discovered by Microsoft Defender for Cloud Apps . This detection identifies two user activities (is a single or multiple sessions) originating from geographically distant locations within a time period shorter than the time it would have taken the user to travel from the first location to the second, indicating that a different user is using the same credentials.
New country	Offline	This detection is discovered by Microsoft Defender for Cloud Apps . This detection considers past activity locations to determine new and infrequent locations. The anomaly detection engine stores information about previous locations used by users in the organization.
Activity from anonymous IP address	Offline	This detection is discovered by Microsoft Defender for Cloud Apps . This detection identifies that users were active from an IP address that has been identified as an anonymous proxy IP address.
Suspicious inbox forwarding	Offline	This detection is discovered by Microsoft Defender for Cloud Apps . This detection looks for suspicious email forwarding rules, for example, if a user created an inbox rule that forwards a copy of all emails to an external address.
Azure AD	Offline	This risk detection type indicates sign-in activity that is unusual for the given user or is consistent

DEFENDER FOR OFFICE 365

Policies



Anti-phishing



Anti-spam



Anti-malware



Safe Attachments



Safe Links

- Attack simulator
- Smart Links
- Anti phishing policies



Me who never
reads emails

Congratulations
on never being
caught in a
phishing
campaign



Home > Devices | Configuration profiles >

Create profile ...

Windows 10 and later - Settings catalog



Basics



Configuration settings



Scope tags



Assignments



Review + create

[+ Add settings ⓘ](#)

^ Smart Screen

[Remove category](#)

Enhanced Phishing Protection

[Remove subcategory](#)

Service Enabled ⓘ



Enabled



Notify Unsafe App ⓘ



Enabled



Notify Password Reuse ⓘ



Enabled



Notify Malicious ⓘ



Enabled



ENHANCED PHISHING PROTECTION IN MICROSOFT DEFENDER SMARTSCREEN

*Enhanced phishing protection is available starting with Windows 11, version 22H2 and later.

ADVANCED HUNTING

```
let OfficeHomeSessionIds =
AADSignInEventsBeta
| where Timestamp > ago(1d)
| where ErrorCode == 0
| where ApplicationId == "4765445b-32c6-49b0-83e6-1d93765276ca" //OfficeHome application
| where ClientAppUsed == "Browser"
| where LogonType has "interactiveUser"
| summarize arg_min(Timestamp, Country) by SessionId;
AADSignInEventsBeta
| where Timestamp > ago(1d)
| where ApplicationId != "4765445b-32c6-49b0-83e6-1d93765276ca"
| where ClientAppUsed == "Browser"
| project OtherTimestamp = Timestamp, Application, ApplicationId, AccountObjectId,
AccountDisplayName, OtherCountry = Country, SessionId
| join OfficeHomeSessionIds on SessionId
| where OtherTimestamp > Timestamp and OtherCountry != Country
```



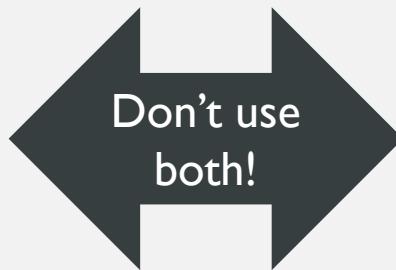
9. SESSION LIFETIME

A photograph of two middle-aged men in an office setting. They are looking down at a large sheet of paper on a wooden table, which appears to be architectural blueprints. The man on the left is wearing a light blue button-down shirt, glasses, and a watch, and is pointing at the paper. The man on the right is wearing a white shirt and is holding his glasses. A speech bubble originates from the man in the blue shirt.

Let's prompt our users
with MFA every 8 hours,
or even better: every
single time they sign-on!

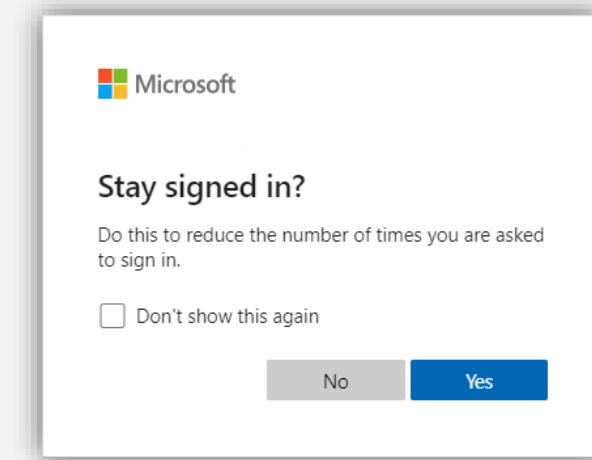
AZURE AD PREMIUM

- Enable Seamless SSO
- Use Sign-in frequency (Conditional Access) if you require reauthentication
- Non managed = non persistent, or: less risk = longer session duration



AZURE AD FREE

- Enable Seamless SSO
- Keep the Remain signed-in option enabled, and guide your users to accept it.



10. GO PASSWORDLESS

- FIDO 2 security keys
- Windows Hello for Business
- Certificate based
- Microsoft Authenticator App*



New tab +

Guest

Search or enter web address

You're browsing as a guest

As a guest, your browsing data is kept separate from the profiles on this device. Here's what happens when you close all windows you browsed as a guest:

Microsoft Edge **won't save**:

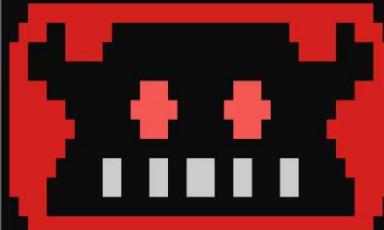
- Your browsing history
- Your download history
- Cookies and site data

Microsoft Edge **will save**:

- Files you download

Windows PowerShell

root@vps8874:~# evilginx



-- Gone Phishing --

by Kuba Gretzky (@mrgretzky) version 2.4.2

```
[09:15:12] [inf] loading phishlets from: /usr/share/evilginx/phishlets/
[09:15:12] [inf] loading configuration from: /root/.evilginx
[09:15:12] [inf] blacklist: loaded 16 ip addresses or ip masks
[09:15:12] [inf] setting up certificates for phishlet 'o365'...
[09:15:12] [!!!] successfully set up SSL/TLS certificates for domains: [login.microsoftonline.com www.microsoftonline.com login.microsoftonline.com]
```

phishlet	author	active	status	hostname
coinbase	@An0nud4y	disabled	available	microsoftonl...
o365	@jamescullum	enabled	available	
paypal	@An0nud4y	disabled	available	
twitter-mobile	@white_fi	disabled	available	
airbnb	@AN0NUD4Y	disabled	available	
booking	@Anonymous	disabled	available	
okta	@mikesiegel	disabled	available	
protonmail	@jamescullum	disabled	available	
reddit	@customsync	disabled	available	
tiktok	@An0nUD4Y	disabled	available	
twitter	@white_fi	disabled	available	
amazon	@customsync	disabled	available	
onelogin	@perfectlylog...	disabled	available	
facebook	@charlesbel	disabled	available	
github	@audibleblink	disabled	available	
instagram	@charlesbel	disabled	available	
linkedin	@mrgretzky	disabled	available	
outlook	@mrgretzky	disabled	available	
wordpress.org	@meitar	disabled	available	
citrix	@424f424f	disabled	available	

A man with dark hair, wearing a light-colored shirt and a black leather jacket, is looking down at a black smartphone he is holding in his hands. He is standing outdoors, with a blurred background of trees and possibly a building.

PRACTICE WHAT YOU PREACH! START OUT
WITH YOUR PERSONAL MICROSOFT
ACCOUNT!

[The passwordless future is here for your Microsoft account - Microsoft Security Blog](#)



ANY QUESTIONS?

THANKS
&
STAY SAFE!