Migration Guide for CyberPilot AD-Sync and Single Sign-On with Azure AD Cloud



Note!

This guide is for CyberPilot customers who use a single AD-integration and a single AD-group to synchronize and authorize users.

In this guide we refer to the old CyberPilot platform as **eFront** and the new platform as **CyberPilot App**.

- eFront is the platform with the URL https://***.security-platform.dk/
- CyberPilot App is the platform with the URL https://***.app.cyberpilot.io/

Replace ******* in the above URLs with the subdomain assigned to your company.

You can also see your subdomain in eFront on the branch page. The field is called "Domain name for branch". Your subdomain is part of your domain name example www.***.security-platform.dk (replace *** with your subdomain).

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Note!

When you migrate to the CyberPilot App we make sure to migrate:

- All users including their choice of language. Note that courses are available in the same languages as in eFront (the old platform), but the user interface of the CyberPilot App is English and Danish.
- All your user's course enrollments and their course completion history.
- All your phishing simulation campaigns and the results of these.
- All your branches and the users assigned to these.
- All our courses are available on the new platform. If you have created your own courses we convert them, so that they are also available on the new platform.
- Your AD-Sync and SSO configuration. You must only update a few settings in your own Azure AD.

CyberPilot

Contents

- 1 Update CyberPilot Enterprise Application SSO in Azure AD
- 2 Azure AD User Properties
- 3 Whitelist Notification emails from the CyberPilot App
- Notify CyberPilot that you are ready for final migration step
- 6
- Day of final migration step



O Update CyberPilot Enterprise Application SSO in Azure AD



Update CyberPilot Enterprise Application SSO in Azure AD

When you configured AD-integration and SSO for the old CyberPilot platform (eFront) you created an Azure AD Enterprise Application for CyberPilot.

This guide assumes that you will be reusing this Enterprise Application for the ADintegration to the new platform (CyberPilot App).



LOCATING THE CYBERPILOT ENTERPRISE APPLICATION

Step 1: Go to https://portal.azure.com/ **Step 2:** Click on "Enterprise Applications"





CyberPilot

LOCATING THE CYBERPILOT ENTERPRISE APPLICATION

Step 3: Search for the CyberPilot enterprise application.
Most likely you have "CyberPilot" and/or "Awareness" in the name.
Step 4: Click on CyberPilot enterprise application.

≡ Microsoft Azure	ho Search resources, ser	vices, and docs (G+/)		2	Ŗ	Q	ŝ	?	ন্দি
Home > Enterprise applicatio	าร								
Enterprise ap	Dications All	applications							
	« 🕂 New a	pplication 💍 Refresh 🞍 D	Download (Export) 🕴 🚺	Preview inf	o	≡≡ Co	lumns	•	Previ
Overview	Â								
i Overview	View, filter, a	and search applications in your c	organization that are set up	to use your	r Micros	soft Ent	ra tena	nt as tl	heir Ide
✗ Diagnose and solve problem	s The list of a	oplications that are maintained b	by your organization are in	application	registra	itions.			
Manage	,	×	(3) Search for	the Cy	berl	Pilot	ent	erp	rise
All applications	1 application	n found							
Private Network connectors	Name	↑↓ Object ID	Application ID	Homep	age UR	۲L.	Crea	ited or	ı
🈂 User settings	CA Cyb	perPilot Aw ad67919f) Click on the C	yberPi	lot e	nter	pris	e ap	oplic
🖽 App launchers									
Custom authentication extensions (Preview)									
Security									
Conditional Access									
Consent and permissions									

Step 5: Select "Single sign-on"





Step 6: Under Basic SAML Configuration, click "Edit"





Step 7: Add Identifier URL: <u>https://login.app.cyberpilot.io/realms/***</u>

Step 8: Add Reply URL: <u>https://login.app.cyberpilot.io/realms/***/broker/saml/endpoint</u>

Note: You can leave the eFront Urls, and remove them after the migration is completed. This allows your users to logon to eFront until the final step of the migration.

		Important: Replace *** with your subdomain - see slide 2
\equiv Microsoft Azure		≥ 11⊈ CJ & CyberAdmines CyberAdmines
Home > Enterprise applications All	applications > CyberPilot Awareness Training	Basic SAML Configuration
CyberPilot Awareness	Training SAML-based Sign-on	🔜 Save 🔰 📯 Got feedback?
 Overview Deployment Plan 	✓ ↓ Upload metadata file ② Change single sign-on mode Implement. Choose SAML single sign-on whenever possible for existing application more.	ation R and characteristics that do not i Hentifier (Entity ID) * The unique ID that identifies your applications that do not i that do not i The unique ID that identifies your applications that do not i that do not i The unique ID that identifies your applications that do not i that identifies your applications that do not i that identifies your applications that do not i that identifies your applications that identifies your applications
🗙 Diagnose and solve problems	Read the configuration guide 🖻 for help integrating CyberPilot Awareness Training	
Manage	Basic SAML Configuration	companyname.security-platform.dk
Properties	Identifier (Entity ID) Required	Inttps://login.app.cyberpilot.io/realms/companyname Image: Companyname
🏄 Owners	Reply URL (Assertion Consumer Service URL) Required	Add identifier
👃 Roles and administrators	Relay State (Optional) Optional	(8) Add reply URL:
Users and groups	Logout Url (Optional) Optional	Reply URL (Assertion Cor https://login.app.cyberpilot.io/realms/***/broker/saml/endpoint
Single sign-on		The reply URL is where the application expects to delive the authentication token. This is also referred to as the "Assertion Consumer Service" (ACS) in SAM
Provisioning	Attributes & Claims	
Application proxy	▲ Fill out required fields in Step 1	Index Default
Self-service	givenname user.givenname	https://companyname.security-platform.dk ant/module.php/saml/sp/saml2-acs.p
Custom security attributes	emailaddress user.mail	
Security	name user.userprincipalname Unique User Identifier user.userprincipalname	https://login.app.cyberpilot.io/realms/companyname/broker/saml/endpoint
🖕 Conditional Access		Add reply OKL
2 Permissions	3 SAML Certificates	Sign on URL (Optional)
Token encryption	Token signing certificate	Sign on URL is used if you would like to perform service provider-initiated single sign-on. This value is the sign-in page URL for
Activity	Status Active	
Sign-in logs	Expiration 1/15/2029, 7:04:14 PM	
	Notification Fmail (Vher∆dmin@CPawarene	s on microsoft CyberPilot

Step 9: Click "Save"

Note: You can leave the eFront Logout URL, and remove it after the migration is completed. This allows your users to logon to eFront until the final step of the migration.

\equiv Microsoft Azure		♀ Search resources, services,	and docs (G+/)	図 日本 (小学 CyberA
Home > Enterprise applications All ;	applications	s > CyberPilot Awareness Training		Basic SAML Configuration
CyberPilot Awareness	Traini	ng SAML-based Sign-on		J.
Enterprise Application		(9)	Click "Save"	Save Redback?
Uverview		Jpload metadata file	mode 🗯 lest this application	Reply URL (Assertion Consumer Service URL) * ①
Deployment Plan	more.		5	The reply URL is where the application expects to receive the authentication token. This is also referred to as the "Assertion Consumer Service" (ACS) in SAMI
✗ Diagnose and solve problems	Read	the configuration guide 🖻 for help integrating Cy	berPilot Awareness Training.	
Manage	0	Pasis SAML Configuration		Index Default
Properties		Basic SAIVE Configuration		https://companyname.security-platform.dk/saml/module.php/saml/sp/saml2-acs.p
		Identifier (Entity ID) Reply LIRL (Assertion Consumer Service LIRL)	Required	
Balas and administrators		Sign on URL	Optional	https://login.app.cyberpilot.io/realms/companyname/broker/saml/endpoint 🗸 🗌 🛈
		Relay State (Optional)	Optional Optional	Add reply URL
S cited and groups			optional	
Single sign-on				Sign on URL (Optional)
Provisioning	Ĭ	Attributes & Claims		Sign on URL is used if you would like to perform service provider-initiated single sign-on. This value is the sign-in page UF your application. This field is unnecessary if you want to perform identity provider-initiated sinale sian-on.
Application proxy		Fill out required fields in Step 1		
Self-service		givenname	user.givenname	
Custom security attributes		emailaddress	user.mail	
Security		name Unique User Identifier	user.userprincipalname user.userprincipalname	Relay State (Optional) ()
Conditional Access				URL or URL path that takes users to a sp
Permissions	3	SAML Certificates		Enter a relay state old "Logout Url"
Token encryption		Token signing certificate		
Activity		Status	Active	Logout Url (Optional)
Sign-in logs		Thumbprint Expiration	9166E469AEAAB3CC2C4E70708A23583, 1/15/2029, 7:04:14 PM	This URL is used to send the SAML logout response to the application.
ú Usage & insights		Notification Email	CyberAdmin@CPawareness.onmicrosof	https://companyname.security-platform.dk/saml/modile.php/saml/sp/saml2-logout.php/efront-sp
	V	Ann Federation Metadata Url	https://login.microsoftonline.com/2fd8	

Step 10: Go to https://***.app.cyberpilot.io/ (replace *** with your subdomain) - see slide 2 **Step 11:** Login with your company email and password

Note: We recommend that you also do this test in incognito/private mode in your browser

Note: You need to have a user in eFront (the old platform) to test SSO. If you don't have that, please contact your eFront admin and ask this person to test.

Note: If you have two users in the eFront, please login with the user that have your email as username.

Note: If SSO is not working and you cannot login, you may have to contact CyberPilot support.

\leftarrow	С	â	Q	Search Favorites	***.app.cyberpilot.io	(10) Go to https://*	**.app.cyberpile	ot.io/ (repl	ace *** with	your sul	bdomaiı	n see slide	2)
								CyberPil Course	ot 25			6	
					Microsoft Log på			Q Sea	rch by course name				
					Mail, telefon eller Skype Kanne ke få adgang til din konto	»?		CyberPilot CyberPilot Herre DASHROAND	Cyterifie: Databaard Dashboard Active USERS	PAST PHISHING CAMPA	ALTIN ACTIV	E FHISHING CAMPAIGNS	
			(11)	Login with	Tilbag your company ema	ail and password		trainings Avaalientess > presence > Resours > Settings Account? Users Bibliochies	COURSE COMPLETION 699% 1014 Enrollments Total Completions	8 51 51 1084 1072	SER STATUS Users With Users With Have Corr Have Not	Courses Enrolled 40 hout Courses 0 pleted All Courses 29 Completed All Courses 11	

CyberPilot

Slide 13

CYBERPILOT APP ADMINISTRATION

If you user has already been configured as an admin in the new platform then you will be able to go to administration. On the day of the final migration step, we make sure that your user has admin access.

Optional Step 12: Click on the user icon **Optional Step 13:** Click on "Go to Admin"

CyberPilot	S (12) Click on user icon
	A Profile Settings
Courses	Go to Admin (13) Click on "Go to admin"
	[→ Logout



CYBERPILOT APP ADMINISTRATION

At <u>https://www.cyberpilot.io/cyberpedia/introduction-to-cyberpilots-new-platform</u> we have prepared an introduction video for you.

If you user is not configured as admin, then we make sure it is on the day of the final migration step.





2 Azure AD User Properties



Azure AD User Properties

When the CyberPilot App synchronize users with your Azure AD it reads each user in the Azure AD group you have created for the CyberPilot App.

If a user exists in your AD group, then the user is create/update in the CyberPilot App.

If a user exists in the CyberPilot App, but not in your AD group, then the user is deactivated. Users with the role "Admin" are not deactivated, so that admins are not locked out of the CyberPilot App, if they are removed from the AD Group.

The CyberPilot App imports the following properties from the Azure AD user: User principal name, email, first name, last name, company name, department, manager, country, job title, mobile phone, office location, and preferred language.

In eFront (the old platform) you needed to specify what Azure AD user properties to import. This is not needed anymore.



Slide 18

CyberPilot

USER PROPERTIES 1

Overview of user properties in Azure AD



USER PROPERTIES 2

Overview of user properties in Azure AD

Created date time	Nov 10, 2023, 11:04 AM	Other emails	
Last password change date time	Jan 23, 2024, 3:39 PM	Proxy addresses	View
Invitation state		Fax number	
External user state change date		IM addresses	
Assigned licenses	View	Mail nickname	ben
Password policies		Parental controls 🖉	
Password profile	View		
Preferred language	en-US	Age group	
Sign in sessions valid from date	Jan 23, 2024, 3:39 PM	Consent provided for minor	
Authorization info	View	Legal age group classification	
Job Information 🖉		Settings 🖉	
Job title	Brian English "Job title"	Account enabled	Yes
Company name	Brian English "Company name"	Usage location	
Department	Brian English "Department" UAT	Preferred data location	
Employee ID		On-premises 🖉	
Employee type		On-premises sync enabled	No
Employee hire date		On-premises last sync date time	
Employee org data		On-premises distinguished name	
Office location	Brian English "Office location"	Extension attributes	
Manager		On-premises immutable ID	
Sponsors		On-premises provisioning errors	

CyberPilot

Slide 19

USER PROPERTY "Preferred Language"

If the user property "Preferred Language" is set it affects the language selected for the user in the CyberPilot App. If the property is not set, then English is the default value. **If a user manually changed language in eFront, then the user will also have this language in the CyberPilot App.**



USER PROPERTY "Preferred Language"

The user property "Preferred Language" may not be editable in your Azure AD portal, but it can be changed from <u>https://myaccount.microsoft.com</u> where it is called "Display language".





3 Whitelist Notification emails from the CyberPilot App



Whitelist notification emails from the CyberPilot App

To ensure that emails from the CyberPilot App will not end up in your spam folders, we recommend that you whitelist emails from the CyberPilot App in your spam emails filter.

Emails from the CyberPilot App always come from **notify@app.cyberpilot.io**, so you only need to whitelist one sender address. Other emails from CyberPilot always comes from the domains **cyberpilot.dk** and **cyberpilot.io** and we recommend also whitelisting these domains.

CyberPilot

Step 1: Go to <u>https://security.microsoft.com/</u> **Step 2:** Click on "Policies & Rules"

← C ⋒ ⊡ https://sec	urity.microsoft.com/homepage?tid=2fd8b3b8-9ae6-445e-a4bf-e8929eea	a ^{0ebc} (1) Go to https://se	ecurity.microsoft.com/	⊗ ⊕ ≩ (‡) (\$ + * %	
iii Microsoft Defender		Sa ch		ళి థి ?	
=					
命 Home	Home				
① Incidents & alerts	×				
🕒 Actions & submissions			Welcome to Microsoft	t Defender	
Threat intelligence	·				
오 Secure score			Intro Next steps Give feedback		
 □ Infais □ Email & collaboration 			Respond to threats and manage security across your identitien about the unified experience	es, data, devices, apps, and infrastructure. <u>Learn more</u>	
E Review			Next Close		
🕼 Exchange message trace				1/2 What's pow 2 Ros Community - Add sards	
😤 Policies & rules	(2) Click on "Policies & Rul	es"			
🗠 Reports					
🗟 Audit	Microsoft Secure Score	Insider Risk Management	Microsoft Defender XDR		
💝 Health					
🔍 Permissions	Secure Score: 35.37% 95.15/269 points achieved	C C C	Get Microsoft Defender		
Settings	Microsoft Secure Score is a representation of your organization's security posture, and your opportunity to improve it.		Check that you have an eligible license and the right permissions to get started with new unified canabilities - incident management		
More resources	Score last calculated 12/04 100%		automated investigations, and advanced hunting on Office 365, your endpoints, and your identities.		
Customize navigation	50%	Did you know businesses are	Learn how to get started		
	9139139142004004014201301401420144144414	spending \$500,000 per breach? Source: Communication Compliance Microsoft Market Research, May 2021			
	Identity 82.219	% Start identifying insider risks within your organzation with Microsoft Punjaw Insider Risk Management today. Eachlo			• • • • •
	Data 09	 an analytics scan to receive a custom report of potential risk areas for your users. 			CyberPilot
	Apps 22.619	%			

Slide 25

Microsoft Office 365 / Defender Guide

Step 3: Click on "Threat Policies" Step 4: Click on "Anti-spam"



	Microsoft Defender	✓ Search	
≡			
ඛ	Home	Policies & rules > Threat policies	
0	Incidents & alerts		
9	Actions & submissions	Threat policies	
6	Threat intelligence 🗸	T works the Plan	
Ø	Secure score	rempiated policies	
ð	Trials	R Preset Security Policies	Easily configure protection by applying all policies at once using our recommended protection templates
		Configuration analyzer	Identify issues in your current policy configuration to improve your security
⊠ _	Email & collaboration		
11	Review	Policies	
	Exchange message trace	Anti-phishing	Protect users from phishing attacks, and configure safety tips on suspicious messages.
⇒	Policies & rules	Anti-spam (4) Click on "Anti	ti-spam" m spam, including what actions to take if spam is detected
⊵	Reports	🛣 Anti-malware	Protect your organization's email from malware, including what actions to take and who to notify if malware is detected
	Audit		
\otimes	Health	Rules	
Q	Permissions	Tenant Allow/Block Lists	Manage allow or block entries for your organization.
ŝ	Settings	S Email authentication settings	Settings for Authenticated Received Chain (ARC) and DKIM in your organization.
0	More resources	④ ■ Advanced delivery	Manage overrides for special system use cases.
0	Customize navigation	C Enhanced filtering	Configure Exchange Online Protection (EOP) scanning to work correctly when your domain's MX record doesn't route email to EOP first
		」 Quarantine policies	Apply custom rules to quarantined messages by using default quarantine policies or creating your own



Step 5: Click on "Anti-spam inbound policy (Default)"

Note: If you have customized Defender Anti-spam inbound policies, you may have to edit another policy





Slide 27

Microsoft Office 365 / Defender Guide

Step 6: Scroll down Step 7: Click "Edit allowed and blocked senders and domains"





Step 8: In section "Allowed" click on "Manage sender(s)"

::: Microsoft Defender	✓ Search		ి భి ? (ర
=		\leftarrow	>
命 Home	Policies & rules $>$ Threat policies $>$ Anti-spam policies	Allowe	d and blocked senders and domains
Incidents & alerts	×	Allowed	
Actions & submissions	 Anti-spam policies 	Senders (3)
Threat intelligence	(8) Manage all	Always del Manage 3	ver messages from these senders sender(s)
☑ Secure score	Use this page to configure policies that are included in anti-s	am protection. These policies in ad Domains	(0)
<u>එ</u> Trials	$+$ Create policy \checkmark \bigcirc Refresh	Always del Allow dom	iver messages from these domains l <mark>ains</mark>
Email & collaboration	∧ Name	Status Blocked	
E Review	Strict Preset Security Policy	Off Senders (I Always ma	D) rk messages from these senders as spam
Exchange message trace	Standard Preset Security Policy	• Off	<u>sender(s)</u>
è Policies & rules	Anti-spam inbound policy (Default)	Always on Always on	(0) rk messages from these domains as spam
🗠 Reports	Connection filter policy (Default)	Always on	ans
🗟 Audit	Anti-spam outbound policy (Default)	Always on	
♡ Health			
🖓 Permissions			
袋 Settings			
More resources			



Step 9: Type notify@app.cyberpilot.io and press ENTER **Step 10:** Click "Add Senders"





Step 11: In section "Allowed" click on "Allowed domains"

ii Microsoft Defender		✓ Search		e 🕸 ? (
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ப் Home		Policies & rules \rightarrow Threat policies \rightarrow Anti-spam policies		Allowed and blocked senders and domains
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Actions & submissions	\sim	Anti-spam policies		Senders (3)
Threat intelligence	\sim	الله المعالم ال	u coquitu controls and our recome	Always deliver messages from these senders Manage 3 sender(s)
Secure score		Use this page to configure policies that are included in anti-spam pro-	otection. These policies in slud-	Domains (0)
Trials		+ Create policy (11) Manage allowed	I domains	Always deliver messages from these domains Allow domains
Email & collaboration	^	Name	Status	Blocked
Review		Strict Preset Security Policy	• Off	Senders (0) Always mark massages from those conders as sham
Exchange message trace		Standard Preset Security Policy	• Off	Manage 0 sender(s)
Policies & rules		Anti-spam inbound policy (Default)	 Always on 	Domains (0) Always mark messages from these domains as spam
Reports		Connection filter policy (Default)	 Always on 	<u>Block domains</u>
Audit		Anti-spam outbound policy (Default)	 Always on 	
Health				
Permissions				
Settings				
More resources				
Customize navigation				



CyberPilot

Microsoft Office 365 / Defender Guide

Step 12: Type cyberpilot.io and press ENTERStep 13: Type cyberpilot.dk and press ENTERStep 14: Click "Add domains"



Step 15: Click "Done" Step 16: Click "Save"







Step 17: Click on "Close"

You have now whitelisted emails from notify@app.cyberpilot.io, cyberpilot.dk and cyberpilot.io to ensure that emails from CyberPilot will not end up in your spam folders

Slide 33

CyberPilot



4 Notify CyberPilot that you are ready for final migration step



Notify CyberPilot that you are ready for the final migration step

When you have confirmed that you can login to the new platform using SSO and have whitelisted our emails you are ready for the final migration step.

In the mail you received from us, there is a link to a form where you can confirm that you are ready for the next migration step and propose a date for this.

Yes		
⊖ No		
The date n CyberPilot 03	nust be before April 1st and cannot be a weekend. Plea	ise note that this is your preferred date and a final date will be confirmed by
Cuba		



9 Day of final migration step



Day of final migration step

The day we complete the migration you and all your users receive a welcome to the new platform mail.

In eFront you may have both a normal user and an admin user. In the CyberPilot App you only have one user. You will therefore only receive one welcome mail.

From this day you and your users must login to https://***.app.cyberpilot.io/ (replace *** with the subdomain assigned to your company.)



LOGGING IN TO THE CYBERPILOT APP

Step 1: Open the welcome email you have received from CyberPilot **Step 2:** Click on "Login to the new platform"

Hey, Peter We have some exciting news to share with you. We have a new platform where you'll take all your CyberPilot awareness training courses from now on. Our cool new site is waiting for you. You can continue logging in to the platform using your Microsoft credentials. (2) Click on the link and login to the CyberPilot App Login to the new platform You can see all the courses you've already completed, plus the ones that still need your attention. It'll all be there waiting for you. 🚀 📃 By the way, if you bookmarked or saved the URL to CyberPilot's awareness training, you should replace it with this new one: https:// .cyberpilot.io/ Best regards, The CyberPilot Team You can't unsubscribe from this email. If you think you have received this email by mistake, please contact a manager in your organization. If you have any questions about why you're receiving this message, please contact the person in your organization responsible for your security awareness training. For technical assistance, reach out to us at support@cyberpilot.io CyberPilot support@cyberpilot.io +45 32 67 26 26

CyberPilot

Step 3: Login with your company email and password Note: If you have two users in eFront (the old platform) please login with the user that have your email as username.



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Slide 40

CYBERPILOT APP ADMINISTRATION

Step 4: Click on the user icon **Step 5:** Click on "Go to Admin"





CYBERPILOT APP ADMINISTRATION

At <u>https://www.cyberpilot.io/cyberpedia/introduction-to-cyberpilots-new-platform</u> we have prepared an introduction video for you.







