

Microsoft Partner Security Day - Identity and email security

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https://www.gopas.cz

https://Lubomirosmera.cz

https://www.linkedin.com/in/lubomirosmera

https://hybridcloudprotection.com







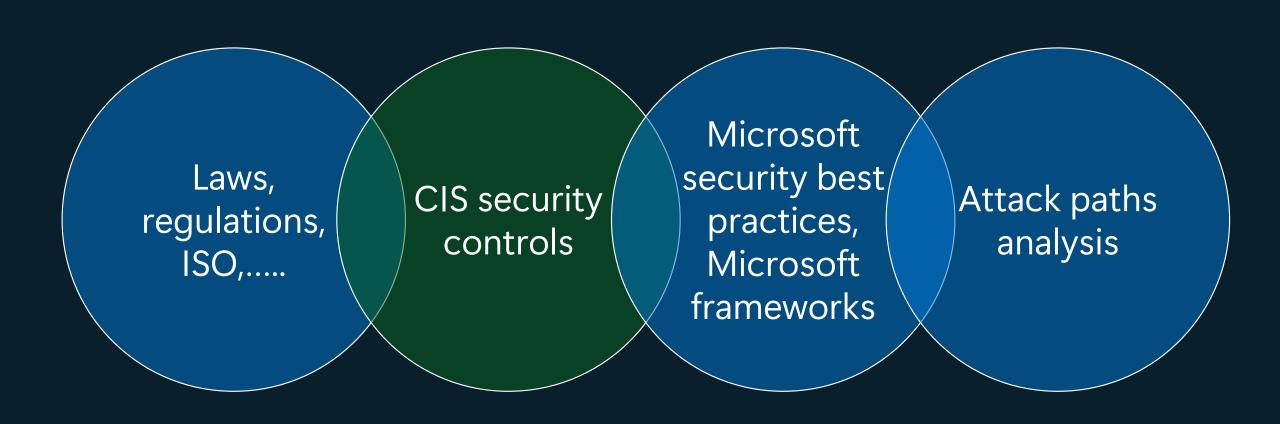






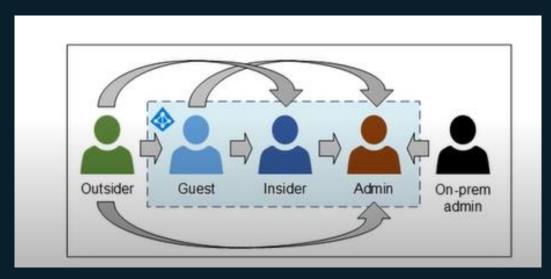


Adopt comprehensive cybersecurity control framework



Adopt comprehensive cybersecurity control framework

- https://www.cisecurity.org/cis-benchmarks
- https://learn.microsoft.com/en-us/security/benchmark/azure/overview
- https://microsoft.github.io/Azure-Threat-Research-Matrix/
- https://attack.mitre.org/matrices/enterprise/cloud/officesuite/



https://my.ine.com/Cloud/courses/75c31e17/azure-pentesting



Jannovak@domena.cz

Password:SuperTajne123





Jannovak@domena.cz

Password:SuperTajne123



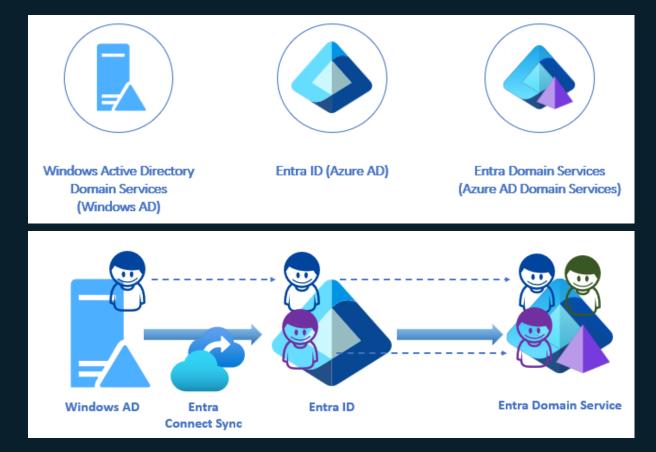
Jannovak@domena.cz

Password:SuperTajne123



Develop an identity management strategy

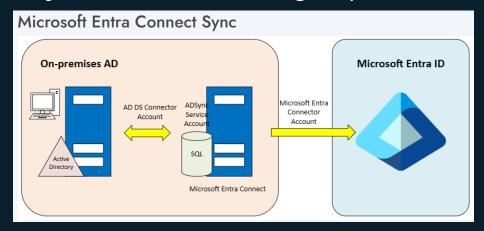
- · Cloud-only
 - · Microsoft 365 applications
 - Other Microsoft cloud integrated applications
 - · Azure resources
- · Hybrid environment
 - · Custom onpremises resources
 - Active Directory
 - Legacy applications (NTLM, Kerberos)

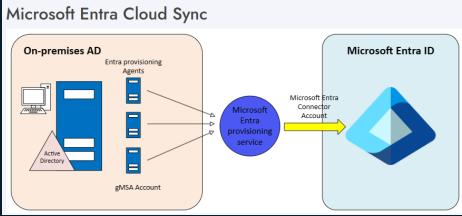


https://www.ciraltos.com/what-is-entra-id-entra-domain-services-and-windows-ad/

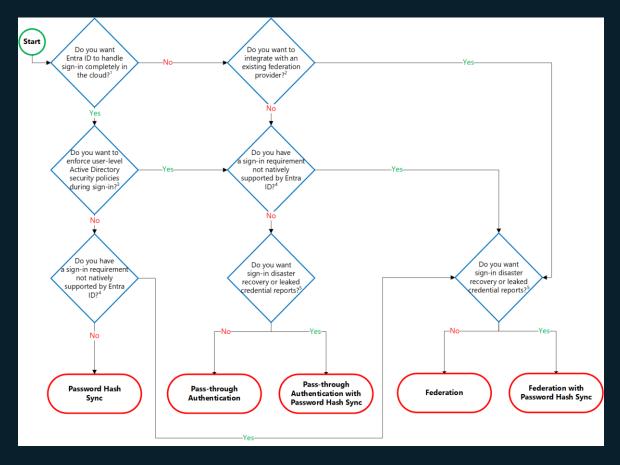
Hybrid environment

Consider sync scenario, architecture, resources Objects (users, devices, groups)





Authentication method:

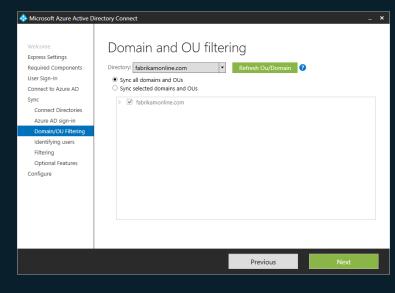


https://learn.microsoft.com/en-us/entra/identity/hybrid/connect/how-to-connect-sync-whatis https://learn.microsoft.com/en-us/entra/identity/hybrid/connect/how-to-connect-install-custom

Hybrid environment

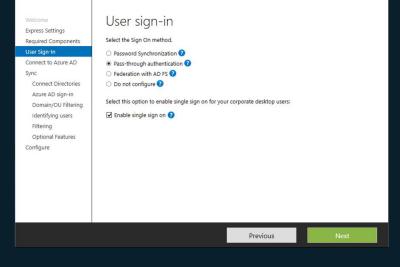
Sync only users who consume services from Microsoft cloud!

Onpremises
attribute
for
Microsoft
Entra ID
username



Microsoft Azure Active Directory Connect Azure AD sign-in configuration Express Settings To use on-premises credentials for Azure AD sign-in. UPN suffixes in username should match to one of the Required Components verified custom domains in Azure AD. The following table lists the UPN suffixes defined in your on-premises environment, along with the matching custom domain in Azure. User Sign-In Connect to Azure AD **Active Directory UPN Suffix Azure AD Domain** Not Added 🔞 fahrikam com Connect Directories fabrikamonline.eu Not Verified ? Δzure ΔD sign-in fabrikamonline com Verified Domain/OU Filtering Identifying users Select the on-premises attribute to use as the Azure AD username Optional Features USER PRINCIPAL NAME (2) userPrincipalName Users will not be able to sign-in Azure AD using their on-premises credentials

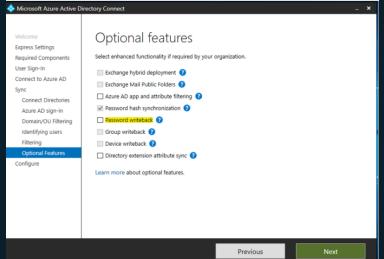
Method, SSO



Microsoft Azure Active Directory Connect

Microsoft Entra ID Connect

Password writeback



Prepare domains

- · Which domain you plan to use in cloud?
- · Do you have .local or non-routable domain?
- https://learn.microsoft.com/en-us/microsoft-365/enterprise/prepare-a-non-routable-domainfor-directory-synchronization?view=o365-worldwide

GDAP and roles

Home > Partner relationships > KPCS CZ

KPCS CZ

Your partner has granular delegated admininstrative privileges. The roles assigned to them allow them to manage your Microsoft account.

Relationship information

Role

These are the roles your partner approved for you when your account was created.

Privileged Authentication Administrator

Privileged Role Administrator

User Administrator

Helpdesk Administrator

License Administrator

Application Administrator

Cloud Application Administrator

Service Support Administrator

Directory Writers

Directory Readers

Global Reader

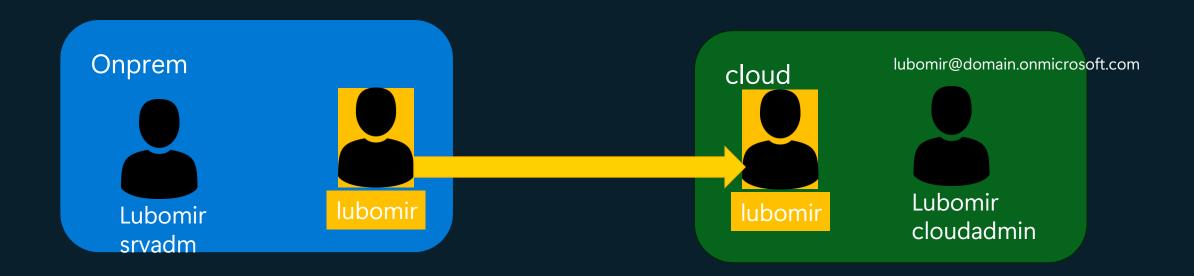
Remove all roles and end access

When you remove these roles, your partner will no longer be able to manage your Microsoft account.

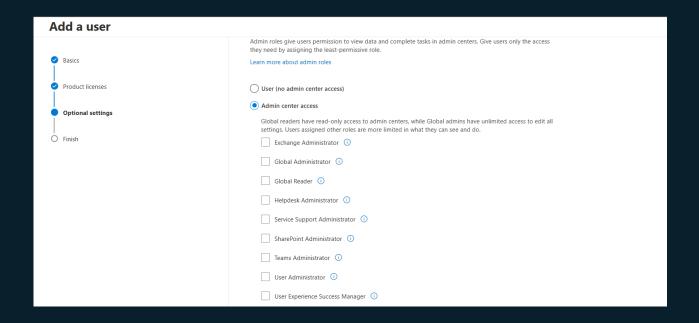
Remove roles

Admin accounts

- · Least privilege according individual job function
- · Limit the number of global admins
- · Admin accounts: create separate, unlicensed administrative user IDs in the onmicrosoft.com domain.



RBAC, configuration





Exchange Administrator

Full access to Exchange Online, creates and manages groups, manages service requests, and monitors service health.







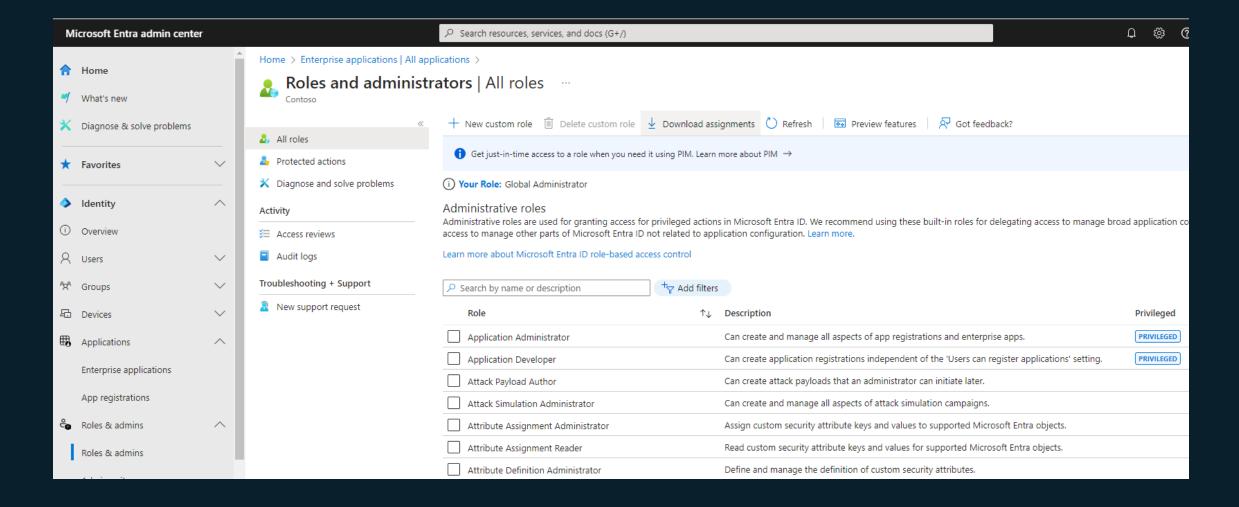
This request has been approved

Read basic properties on all resources in the Microsoft 365 admin center	•
Read usage reports in the Microsoft 365 admin center	•
Create and manage service requests in the Microsoft 365 admin center	•
Read and configure Service Health in the Microsoft 365 admin center	•
Read all network performance properties in the Microsoft 365 admin center	•
Manage all aspects of Exchange Online	•
Create and manage support tickets in the Azure portal	•
Read and configure service health in the Azure portal	•
Update ownership of Microsoft 365 Groups	•
Update membership of Microsoft 365 Groups	•
Update basic properties of Microsoft 365 Groups	•
Restore deleted Microsoft 365 groups	•
Delete Microsoft 365 Groups	•
Create Microsoft 365 Groups	•
Read hidden members of a group	•

RBAC roles

Name	UPN	ROLES
Lubomir Junior ADM	junior_adm@domain.com	User Administrator License Administrator Global Reader
Jan Security ADM	Security_adm@domain.com	Application Administrator Security Administrator Compliance Administrator
Jan Intune ADM	Intune_adm@domain.com	Intune Administrator
Katerina Kratka ADM	kratka_adm@domain.com	Exchange admin Sharepoint admin Teams admin
Lubomir Osmera	Osmera_adm	Global administrator

Download assignment list



Portals

- · Cmd.ms
- · Msportals.io
- · Admin.Microsoft.com
- · Portal.azure.com
- · Entra.Microsoft.com

Domain registrations

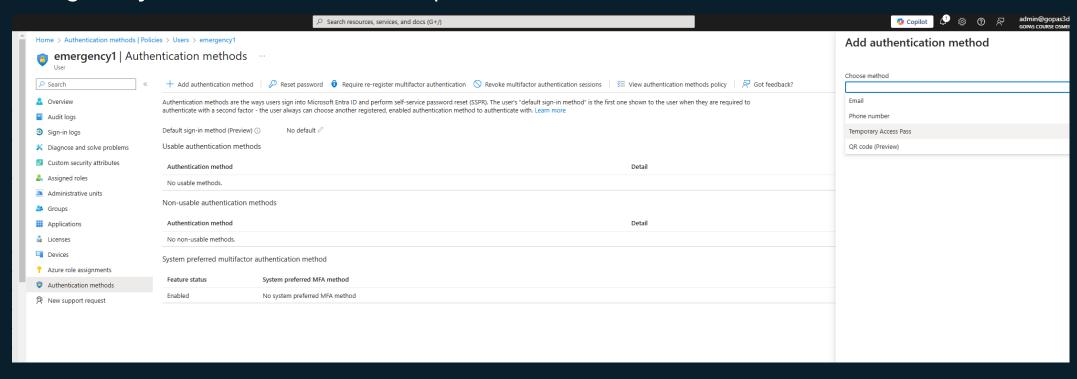
- · UPN
- · Email addresses
- Devices
- · Application (rather custom URL than myapplicion.azurewebsites.net)

Emergency account

- https://learn.microsoft.com/en-us/entra/identity/role-based-access-control/securityemergency-access
- · demo

demo

- Create account
- · Assign global admin (adminn portal)
- Generate tap
- · Register youbico (aka.ms/mfasetup)



Develop a Device Management Strategy

- MAM, MDM for mobile devices (next session)
- Access to applications from company owned vs BYOD devices

NIS 2 IMPLEMENTATION: "

a) zavádí bezpečnostní opatření potřebná pro bezpečné používání mobilních zařízení a jiných obdobných technických aktiv, popřípadě i bezpečnostní opatření spojená s využitím technických aktiv, která povinná osoba nemá ve své správě"

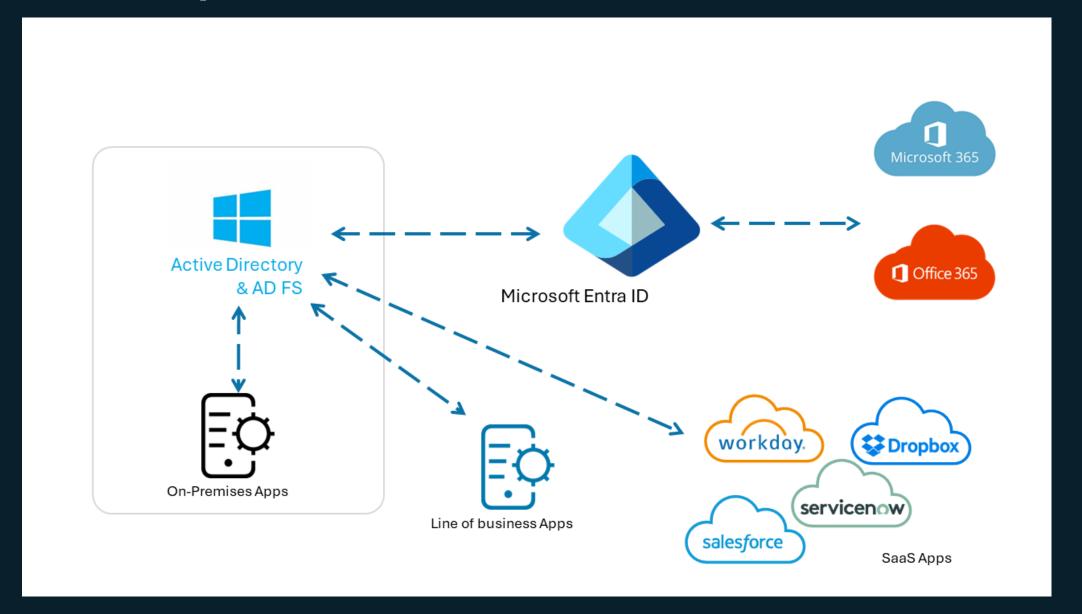
Develop a Licensing Plan

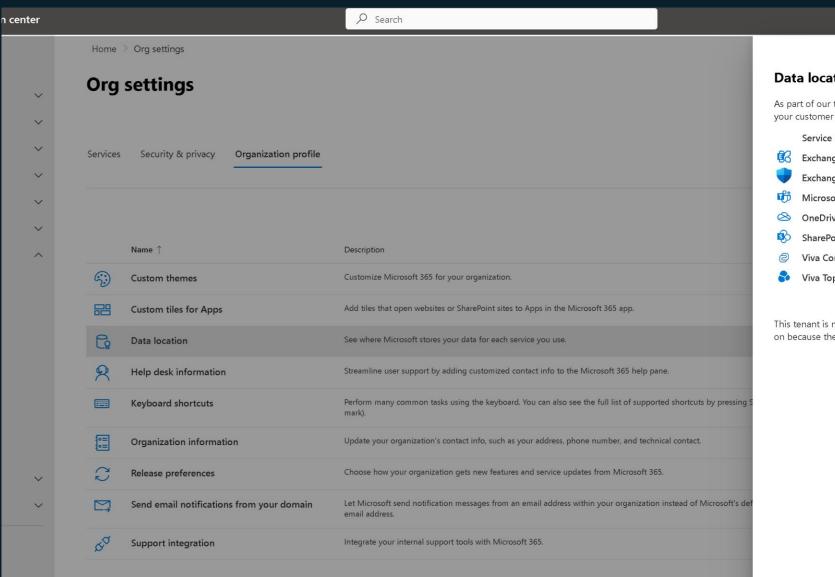
- Business premium contains advanced security components:
 - Defender for Business (endpoint security)
 - Defender for Office 365 (advanced email and office 365 apps security)
 - · Entra Premium P1 (advanced identity security)



Tenant configuration, identity security

Entra importance and role



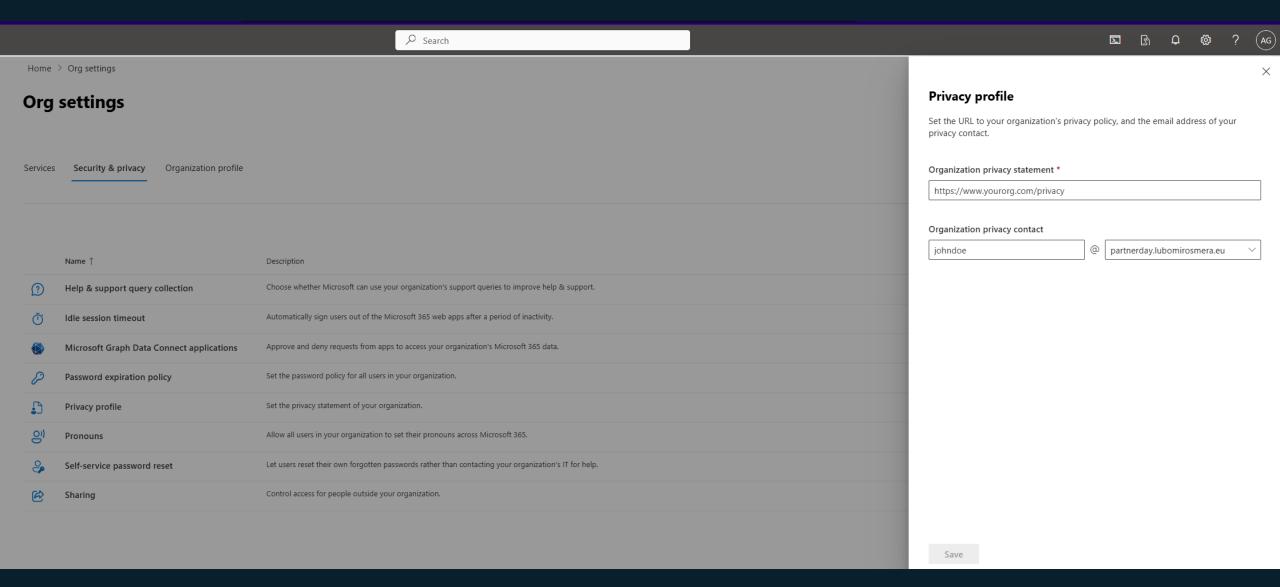


Data location

As part of our transparency principles, we publish the location where Microsoft stores your customer data, see Where your Microsoft 365 customer data is stored.

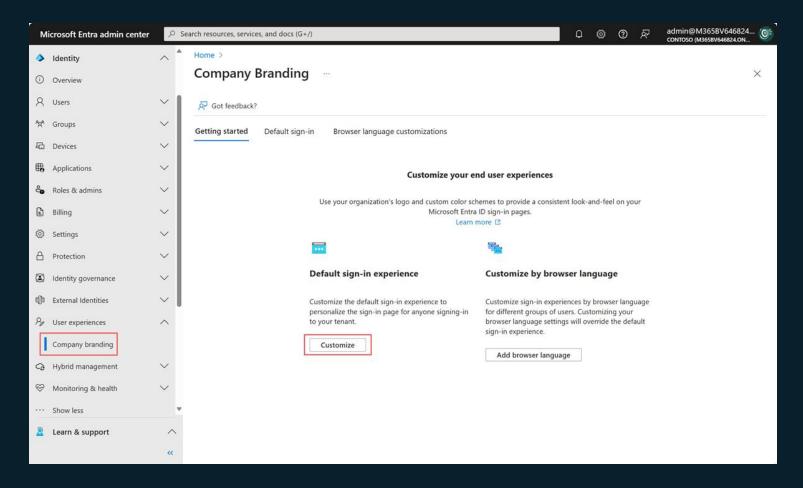
Service	Geography
Exchange Online	European Union
Exchange Online Protection	European Union
Microsoft Teams	European Union
OneDrive	European Union
SharePoint	European Union
Viva Connections	European Union
Viva Topics	Error, please try again later.
	Exchange Online Exchange Online Protection Microsoft Teams OneDrive SharePoint Viva Connections

This tenant is not eligible to purchase Microsoft 365 Advanced Data Residency addon because the tenant sign-up country is not available. Please see ADR Eligibility.

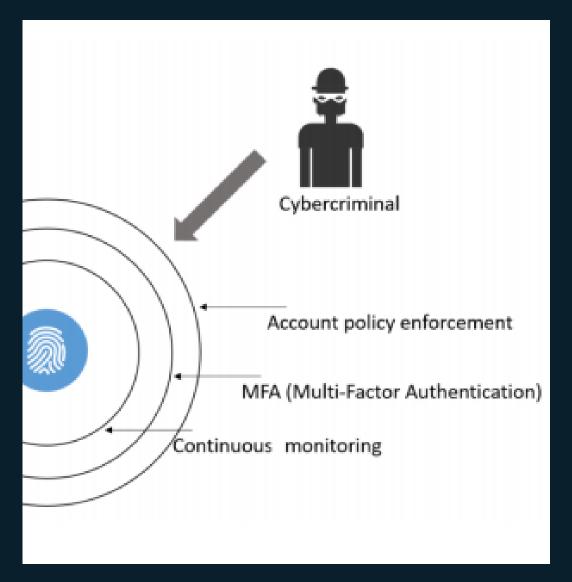


Company branding

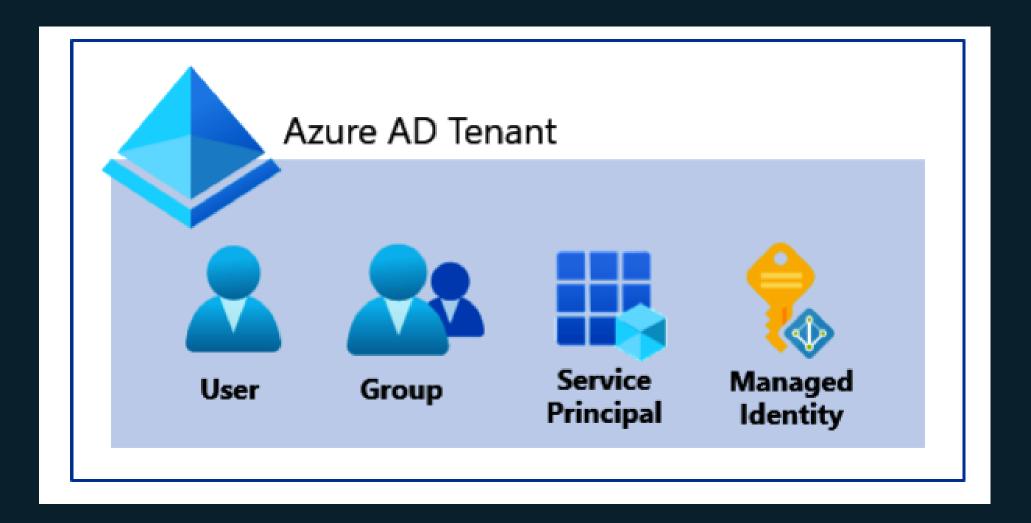
https://learn.microsoft.com/en-us/entra/fundamentals/how-tocustomize-branding



Identity security principle

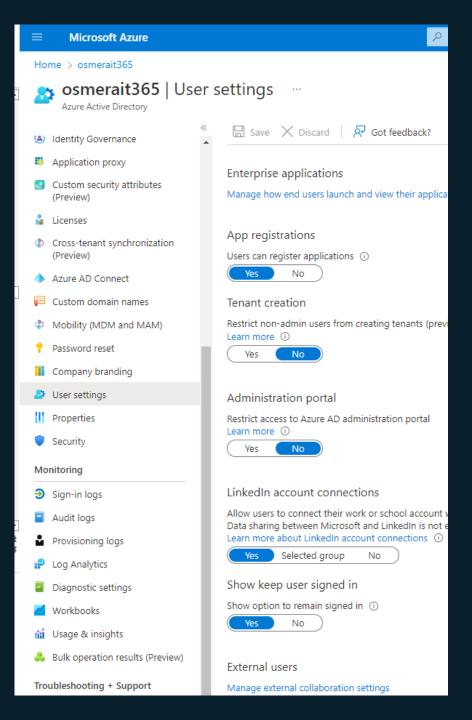


Identity types



Entra ID default configuration

- <u>User settings:</u>
 Users Microsoft Entra admin center
- Groups: Groups - Microsoft Entra admin center
- <u>Devices</u>
 <u>Devices</u> <u>Microsoft Entra admin center</u>
 - · Warning autopilot: https://learn.microsoft.com/enus/autopilot/tutorial/user-driven/azure-ad-join-allow-users-to-join



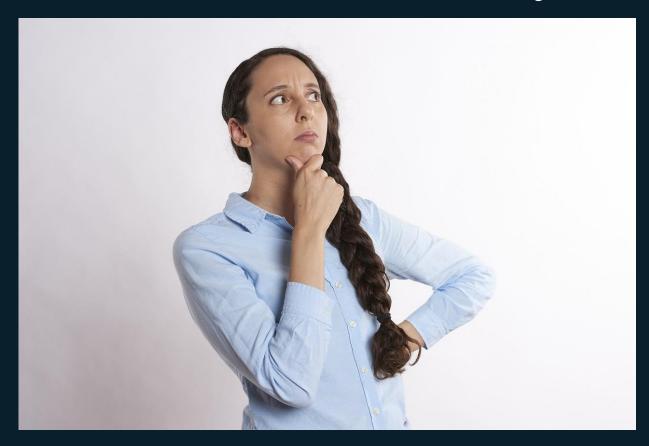


Existing Guests - cleaning

- Possible reasons for guest cleaning
 - A guest account is used to review a shared document and is not needed thereafter.
 - External people leave a team (or teams) and their guest account remains in Entra ID.
 - People leave their employer and move on to new challenges. Their guest account is invalid because they can no longer authenticate using the Entra ID instance for the tenant of their old employer.

Which cloud application can user use?

When I have Microsoft 365, I have only Microsoft 365 apps – teams, office or?????



Application approve process

https://app.diagrams.net/?src=about

Techcommunity.Microsoft.com









Let this app access your info?

samsung.com

Samsung Email needs your permission to:

- Access your mailbox
- · Read and write access to your emails
- · Read and write access to your emails

•

- Maintain access to data you have given Samsung Email access to
- Read your profile

Accepting these permissions means that you allow this app to use your data as specified in their Terms of Service and Privacy Statement. The publisher has not provided links to their terms for you to review. You can change these permissions at https://microsoft.com/consent. Show details

No Yes







Groups, dynamic groups consideration



Microsoft 365 groups



Security groups



Mail-enabled security groups



Distribution groups



Authentication methods

Passwords in Entra

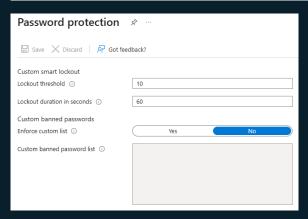
Passwords cannot be disabled...

Cannot be changed

Can be changed

Password expiration

By default, passwords in Microsoft 365 expire every 90 days. As mentioned before, if you use MFA to secure the authentication process, having users update their password every 90 days can be extremely cumbersome. To set the password policy, navigate to the Microsoft 365 Admin Center and then go to **Settings > Org settings > Security & privacy**. Next, click **Password expiration policy**. When you're done making changes, click **Save**.

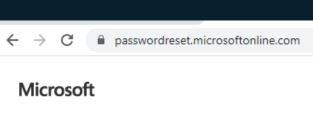


Property	Requirements
Characters allowed	Uppercase characters (A - Z) Lowercase characters (a - z) Numbers (0 - 9) Symbols: - @ # \$ % ^ & *! + = [] {} \:', . ? / ` ~ " (); < > - blank space
Characters not allowed	Unicode characters
Password length	Passwords require - A minimum of eight characters - A maximum of 256 characters
Password complexity	Passwords require three out of four of the following categories: - Uppercase characters - Lowercase characters - Numbers - Symbols Note: Password complexity check isn't required for Education tenants.
Password not recently used	When a user changes their password, the new password shouldn't be the same as the current password.
Password isn't banned by Microsoft Entra Password Protection	The password can't be on the global list of banned passwords for Microsoft Entra Password Protection, or on the customizable list of banned passwords specific to your organization.

https://learn.microsoft.com/en-us/entra/identity/authentication/concept-password-ban-bad-combined-policy https://entra.microsoft.com/#view/Microsoft_AAD_ConditionalAccess/PasswordProtectionBlade https://admin.microsoft.com/Adminportal/Home#/Settings/SecurityPrivacy/:/Settings/L1/PasswordPolicy

Help desk is not necessary

Configuration link: https://entra.microsoft.com/ #view/Microsoft_AAD_IAM/P asswordResetMenuBlade/~/P roperties/fromNav/



Get back into your account

Who are you?

To recover your account, begin by entering your email or username and the characters in the picture or audio below.

Email or Username: *

Example: user@contoso.onmicrosoft.com or user@contoso.com



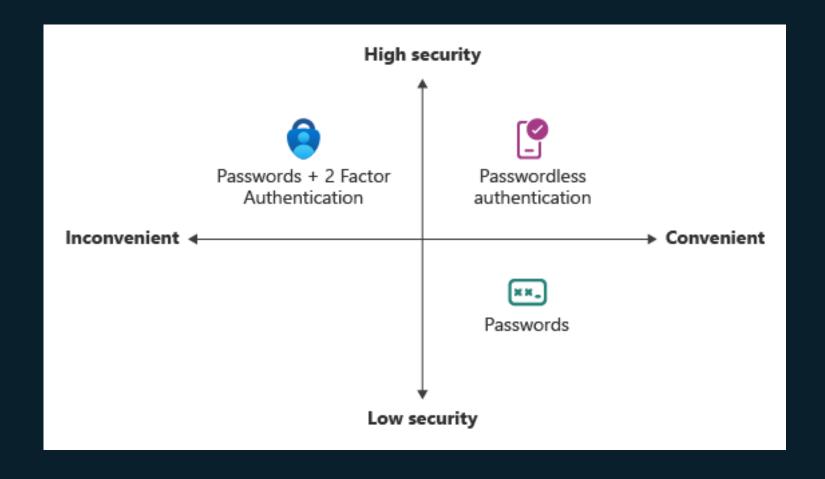
Enter the characters in the picture or the words in the audio. *

Cancel

DEMO ssprgroupusers

- sspruser2@partnerday.lubomirosmera.eu
- · Reg method
- · Show sspr

MFA, passwordless



AUTHENTICATION METHODS

Method	Primary authentication	Secondary authentication	
Windows Hello for Business	Yes	MFA*	
Microsoft Authenticator (Push)	No	MFA and SSPR	
Microsoft Authenticator (Passwordless)	Yes	No*	
Authenticator Lite	No	MFA	
Passkey (FIDO2)	Yes	MFA	
Certificate-based authentication	Yes	MFA	
OATH hardware tokens (preview)	No	MFA and SSPR	ontoso
OATH software tokens	No	MFA and SSPR	e need v
External authentication methods (preview)	No	MFA your ac	
Temporary Access Pass (TAP)	Yes	MFA Ho	
SMS	Yes	MFA and SSPR	@contoso.
Voice call	No	MFA and SSPR	Deny Approve
Password	Yes		ent a notification to your mobile device. respond to continue.

https://portal.azure.com/#view/Microsoft AAD IAM/AuthenticationMethodsMenuBlade/~/AdminAuthMethods

Passwordless authentication methods by device types

Device types	Passwordless authentication method
Dedicated non-windows devices	Microsoft Authenticator Security keys
Dedicated Windows 10 computers (version 1703 and later)	Windows Hello for Business Security keys
Dedicated Windows 10 computers (before version 1703)	Windows Hello for Business Microsoft Authenticator app
Shared devices: tablets, and mobile devices	Microsoft Authenticator One-time password sign-in
Kiosks (Legacy)	Microsoft Authenticator
Kiosks and shared computers (Windows 10)	Security keys Microsoft Authenticator app

https://learn.microsoft.com/en-us/training/modules/manage-authentication-microsoft-entra-id/11-passwordless-authentication

Security defaults?

https://portal.azure.com/#view/Microsoft_AAD_IAM/ActiveDirectory MenuBlade/~/Properties

Non-customizable policies for tenant:

- Requiring all users to register for Azure AD Multi-Factor Authentication
- Requiring administrators to do multifactor authentication
- Requiring users to do multifactor authentication when necessary.
- Blocking legacy authentication protocols
- Protecting privileged activities like access to the Azure portal

MFA deployment strategy

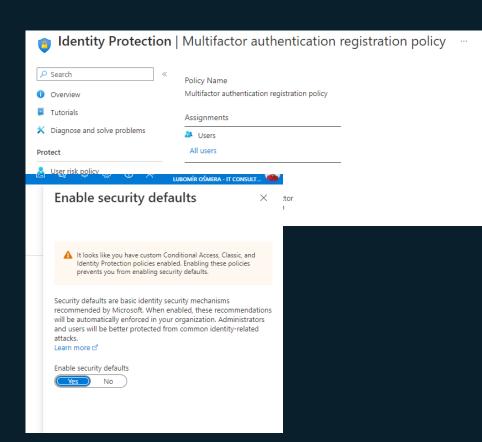
Using these methods together

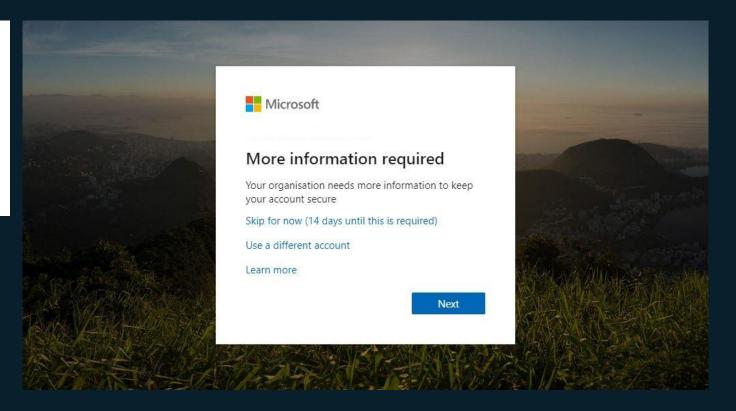
This table shows the results of enabling MFA with security defaults, Conditional Access policies, and per-user account settings.

	Enabled	Disabled	Secondary authentication method
Security defaults	Can't use Conditional Access policies	Can use Conditional Access policies	Microsoft Authenticator app
Conditional Access policies	If any are enabled, you can't enable security defaults	If all are disabled, you can enable security defaults	User-specified during MFA registration
Legacy per-user MFA (not recommended)	Overrides security defaults and Conditional Access policies requiring MFA at each sign in	Overridden by security defaults and Conditional Access policies	User-specified during MFA registration

User MFA registration – option 1

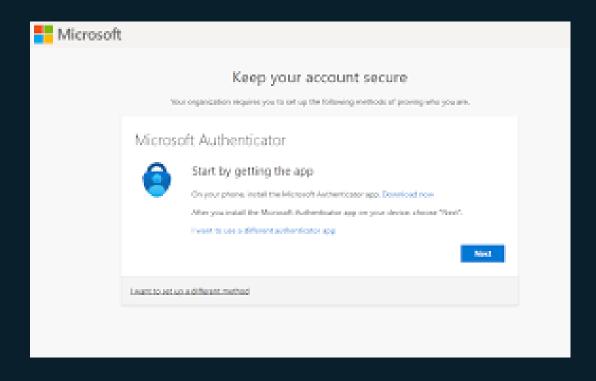
Enabling security defaults or identity protection registration policy: User must provide authenticator until 14 days from configuration:





User MFA registration – option 2

Manual registration on https://aka.ms/mfasetup

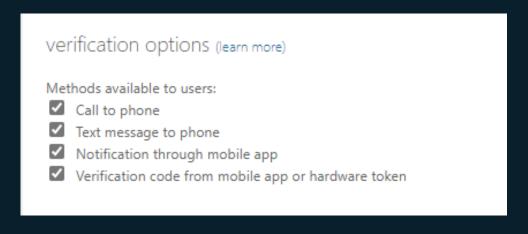


Authentication methods configuration



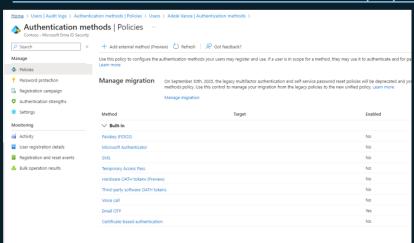
Legacy:

Multi-factor authentication (windowsazure.com)



Modern:

https://entra.microsoft.com/#view/Microsoft_AAD_IAM/AuthenticationMethodsMenuBlade/~/AdminAuthMethods/f





Conditional access



What are default access rules for cloud environments? How can I access?

- · Any device
- · Any time
- · Any location
- Any authentication method

Conditional access



Lokace

- Je v pořádku přihlašování z Číny?
- Je nutno přistupovat pouze z firemních IP adres?
- Pokud nepřistupuji z firemních adres, mám nějaké omezení? (MFA, znepřístupnění, podmínky spravovaných zařízení)

Zařízení

- Je v pořádku připojování z Android, Macu, Linuxu?
- Povolujeme i BYOD?
- Musí zařízení splňovat health check podmínky?

Aplikace

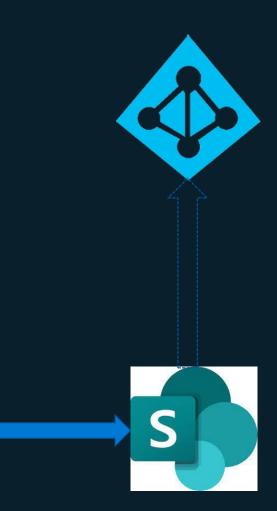
- Povolujeme přístup pouze ze schválených aplikací?
- Podporujeme i legacy aplikace?
- Budeme omezovat přístupy z Browseru? (délka relace, mobily)

Co když je detekce něčeho podezřelého?

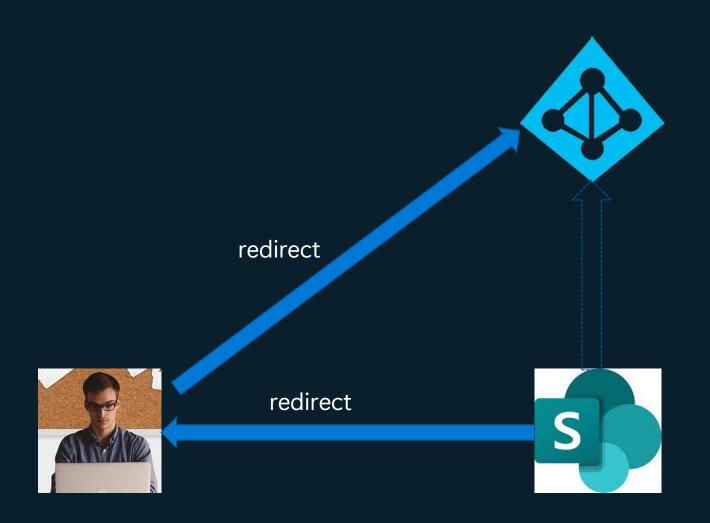
• Přístup z anonymní IP, přístup z inikovaného zařízení

How it works?











CA požadavky (MFA, compliant zařízení apod.)







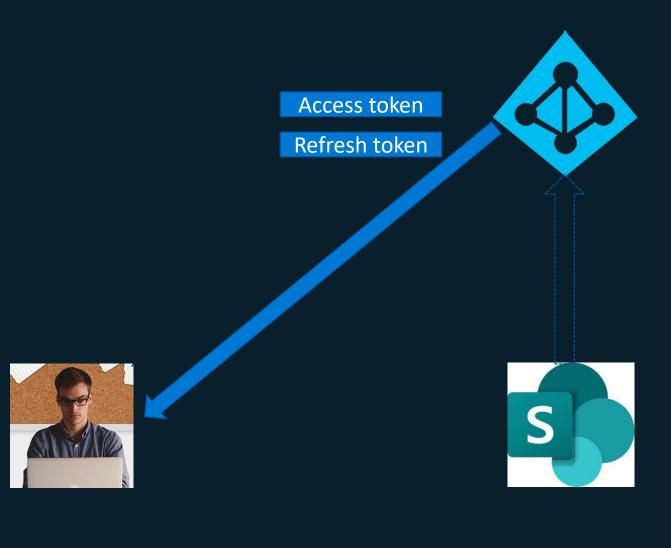


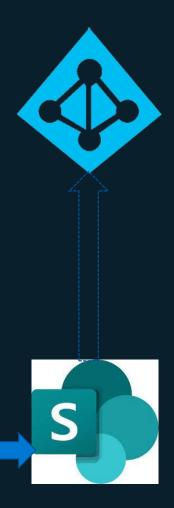




CA požadavky (MFA, compliant zařízení apod.) splněny



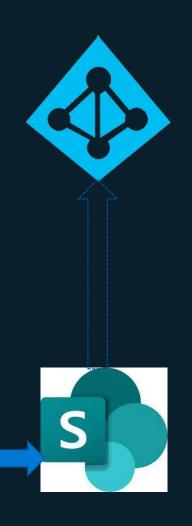






Access token

Refresh token





Access token

Access token

Refresh token



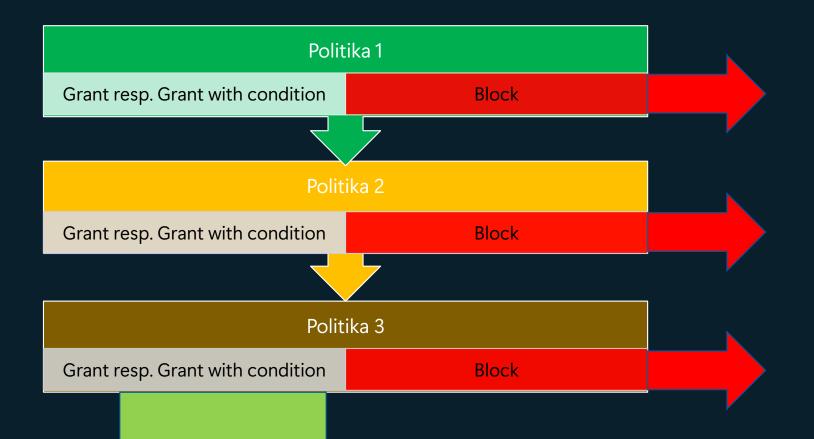
politika1

politika2

politika3

politika4

Evaluation



Conditional access policies creation

- Suitable tools Excel worksheet, onenote, big paper and pens
- Coffee and delicious meal
- Map and design block scenarios what should be blocked
- Consider also Microsoft prepared templates: <u>https://portal.azure.com/#view/Microsoft_AAD_ConditionalAccess/CaTemplates.ReactView</u>
- Plan a Microsoft Entra Conditional Access
 deployment Microsoft Entra ID | Microsoft Learn



DEMO: CA creation and test

- Block legacy authentication
- Require STRONG authentication for global admins
- · Require multifactor authentication for all users, for guests
- Require multifactor authentication for Azure management
- Block access from untrusted location We consider each other location except your RDP machine as an untrusted
- Secure MFA and self-service password reset registration
- · Block any platfrorm except Android, los, MACOS and Windows

Important cases

politika3

politika4

Allow nebo deny????

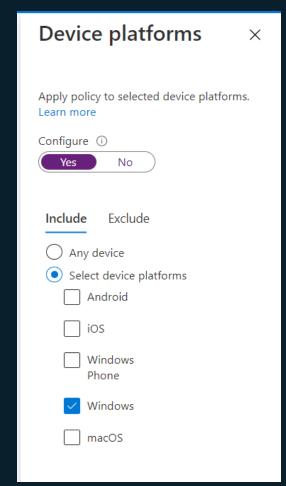
politika1

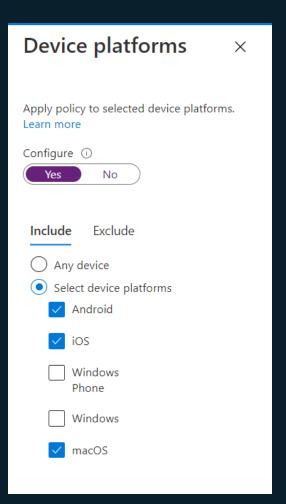
politika2



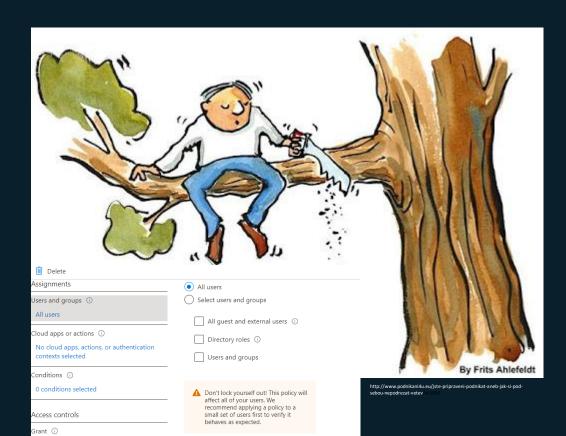
Forgotten cases







Attention – don't forget exceptions



- Emergency accounts are always in exceptions!!!
- Consider service accounts and external accounts as an exception from specific conditional access policies

Microsoft admin portals term

Microsoft Admin Portals

When a Conditional Access policy targets the Microsoft Admin Portals cloud app, the policy is enforced for tokens issued to application IDs of the following Microsoft administrative portals:

- Azure portal
- Exchange admin center
- Microsoft 365 admin center
- Microsoft 365 Defender portal
- · Microsoft Entra admin center
- Microsoft Intune admin center
- Microsoft Purview compliance portal
- · Microsoft Teams admin center

We're continually adding more administrative portals to the list.

① Note

The Microsoft Admin Portals app applies to interactive sign-ins to the listed admin portals only. Sign-ins to the underlying resources or services like Microsoft Graph or Azure Resource Manager APIs aren't covered by this application. Those resources are protected by the <u>Windows Azure Service Management API</u> app. This grouping enables customers to move along the MFA adoption journey for admins without impacting automation that relies on APIs and PowerShell. When you're ready, Microsoft recommends using a <u>policy requiring administrators</u> <u>perform MFA always</u> for comprehensive protection.

Windows Azure Service Management API

When you target the Windows Azure Service Management API application, policy is enforced for tokens issued to fervices closely bound to the portal. This grouping includes the application IDs of:

- · Azure Resource Manager
- · Azure portal, which also covers the Microsoft Entra admin center
- Azure Data Lake
- · Application Insights API
- Log Analytics API

Because the policy is applied to the Azure management portal and API, services, or clients with an Azure API sen dependency, can indirectly be impacted. For example:

- Azure CLI
- Azure Data Factory portal
- Azure DevOps
- Azure Event Hubs
- Azure PowerShell
- Azure Service Bus
- Azure SQL Database
- Azure Synapse
- Classic deployment model APIs
- Microsoft 365 admin center
- Microsoft IoT Central
- SQL Managed Instance
- · Visual Studio subscriptions administrator portal

① Note

The Windows Azure Service Management API application applies to <u>Azure PowerShell</u>, which calls the <u>Azure Resource Manager API</u>. It doesn't apply to <u>Microsoft Graph PowerShell</u>, which calls the <u>Microsoft Graph API</u>.



What about Entra ID P2?

PIM

- Provide just-in-time privileged access to Azure AD and Azure resources
- Assign time-bound access to resources using start and end dates
- Require approval to activate privileged roles
- Enforce multi-factor authentication to activate any role
- Use justification to understand why users activate
- Get **notifications** when privileged roles are activated
- Conduct access reviews to ensure users still need roles
- Download audit history for internal or external audit
- Prevents removal of the last active Global Administrator role assignment
- Supporting for Azure AD and Azure roles

Role name	Require MFA	Notification	Require approval	Activation duration
Global Administrator	Yes	Yes	Yes	1 hour
Security Administrator	Yes	Yes	Yes	4 hours
Security Reader	Yes	Yes	No	8 hours
Compliance administrator	Yes	Yes	Yes	4 hours
Exchange administrator	Yes	Yes	Yes	2 hours
SharePoint administrator	Yes	No	No	4 hours
Teams administrator	Yes	No	No	4 hours
User administrator	Yes	Yes	No	2 hours
Global reader	Yes	Yes	No	8 hours
Reports reader	No	No	No	2 hours
Helpdesk administrator	No	No	No	2 hours
Billing administrator	Yes	No	No	2 hours
License administrator	No	No	No	2 hours
Intune administrator	Yes	No	No	4 hours
eDiscovery Manager	Yes	Yes	Yes	2 hours
eDiscovery Administrator	Yes	Yes	Yes	2 hours
Service Support Administrator	-	-	-	Permanently
Message center reader	-	-	-	Permanently
Customer Lockbox access approver	-	-	-	Permanently

PIM DESIGN EXAMPLE

DEMO: PIM – global reader for student7

ENTRA ID PROTECTION – AI POWERED IDENTITY PROTECTION

RISK LEVEL	DETECTION TYPE	RISK EVENT TYPE	RISK EVENTS CLOSED	LAST UPDATED (UTC)	
High	Offline	Users with leaked credentials ®	44 of 45	12/7/2016 1:04 AM	
Medium	Real-time	Sign-ins from anonymous IP addresses 0	76 of 78	1/17/2017 2:44 PM	
Medium	Offline	Impossible travels to atypical locations 0	11 of 14	1/17/2017 2:44 PM	
Medium	Real-time	Sign-in from unfamiliar location 6	0 of 1	11/15/2016 7:18 PM	
Low	Offline	Sign-ins from infected devices ®	76 of 78	1/17/2017 2:44 PM	

Image source: https://danielchronlund.com/2019/02/27/top-security-logs-and-reports-in-office-365-and-azure-ad/

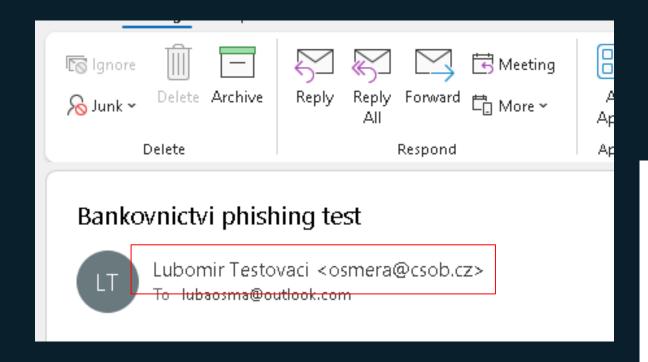
https://learn.microsoft.com/en-us/entra/id-protection/concept-identity-protection-risks

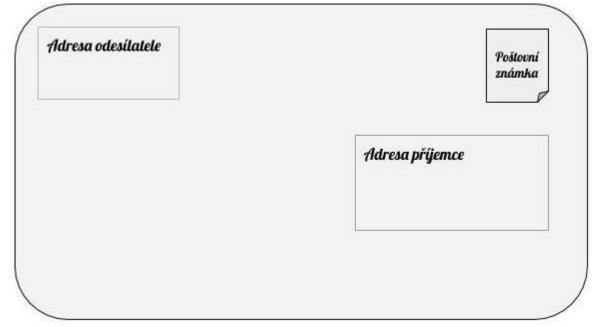


Office 365 apps security and Defender for Office 365

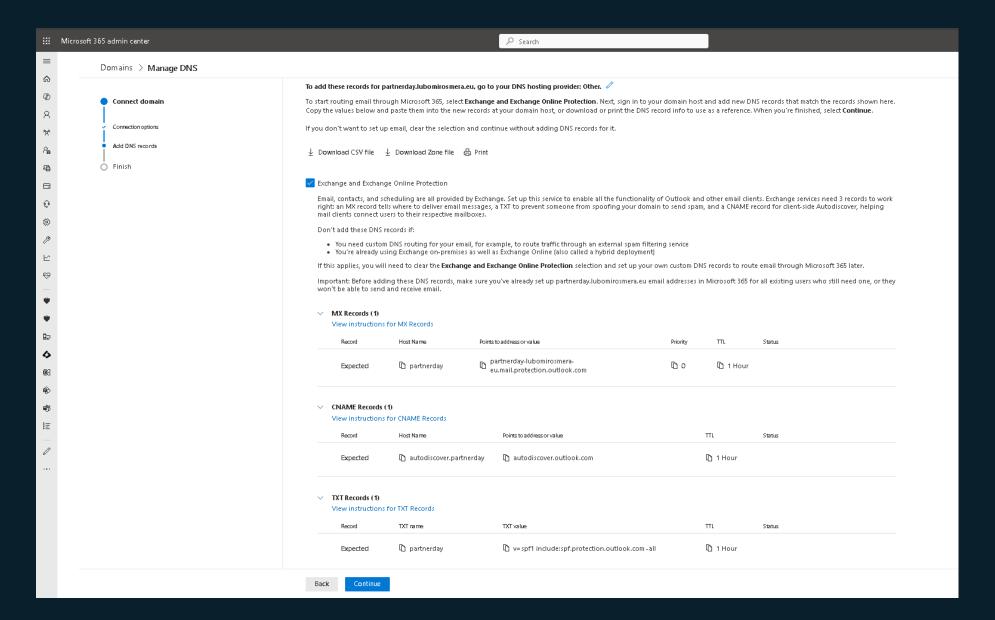
Addressing issues with phishing and spam should be a top priority for partners...

Basic spoofing demo

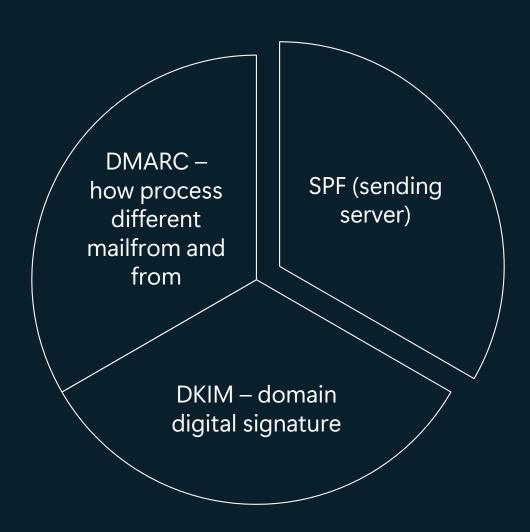




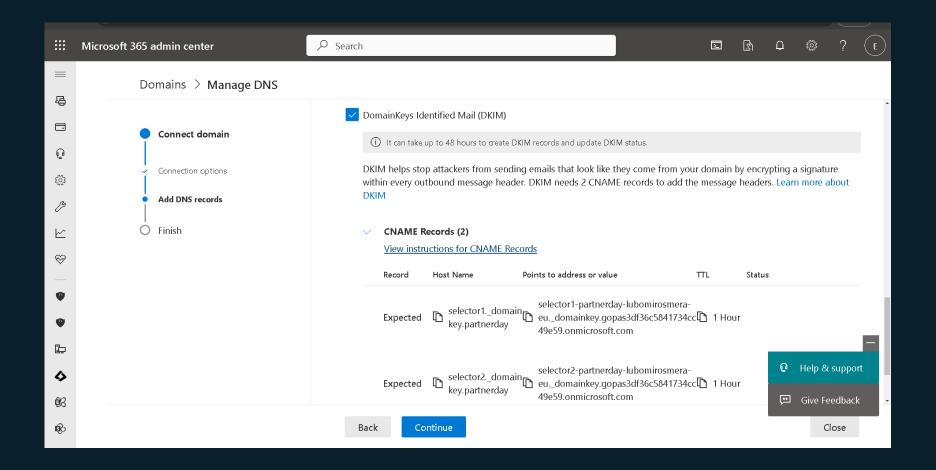
DNS records



Message explicit authentication



DKIM DNS records



Extend DMARC and SPF protection to other domains not used for email

- · enable DMARC and SPF for all domains even if they parked or not currently used for email
- For domains that do not send mail, you can protect them with an SPF record that hard fails all senders. For example, "v=spf1 -all".

Enable Unified Audit Log

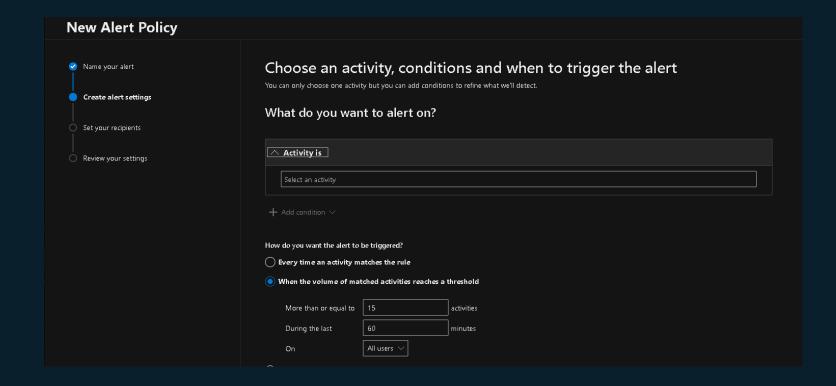
https://purview.microsoft.com/audit/

User and admin activity from your organization is recorded in the audit log and automatically retained for 180 days

https://learn.microsoft.com/en-us/purview/audit-log-enable-disable?tabs=microsoft-purview-portal

Enable alert policies

- https://security.microsoft.com/alertpoliciesv2
- · How to create custom rules? Based on logs and conditionas whatever

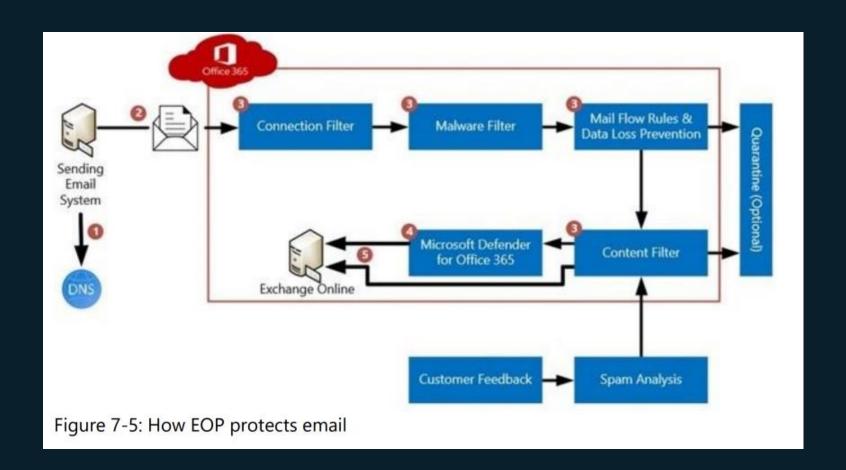


Email security configuration

https://security.microsoft.com/threatpolicy

EOP filtering

Microsoft 365 Security for IT Pros (2022-edition)
https://m365security.gumroa.d.com/l/DiRFK



Block all executable email attachments

- https://www.threatdown.com/blog/emotet-adopts-microsoftonenote-attachments/
- Encrypted ZIP consideration

Enable preset security policy

EOP

ANTISPAM ANTIMALWARE ANTIPHISHING

Defender for Office 365

Advanced Antiphishing

Safe links

Safe Attachments

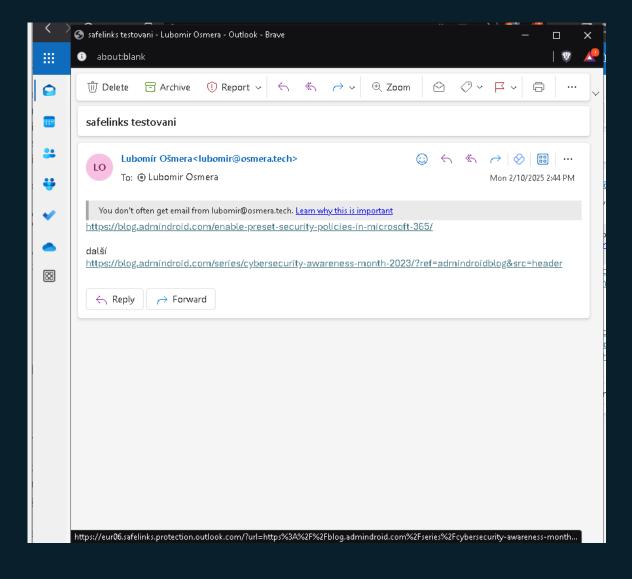
Standard – for all users, consider strict for sensitive accounts

	Standard	Strict
Anti-malware policy	No difference	No difference
Anti-spam policy		
Bulk compliant level (BCL) met or exceeded detection action (BulkSpamAction)	Move message to Junk Email folder (MoveToJmf)	Quarantine message (Quarantine)
Bulk email threshold (BulkThreshold)	6	5
Spam detection action (SpamAction)	Move message to Junk Email folder (MoveToJmf)	Quarantine message (Quarantine)
Anti-phishing policy		
If the message is detected as spoof by spoof intelligence (AuthenticationFailAction)	Move message to Junk Email folder (MoveToJmf)	Quarantine message (Quarantine)
Show first contact safety tip (EnableFirstContactSafetyTips)	Selected (\$true)	Selected (\$true)
If mailbox intelligence detects an impersonated user (MailboxIntelligenceProtectionAction)	Move message to Junk Email folder (MoveToJmf)	Quarantine message (Quarantine)
Phishing email threshold (PhishThresholdLevel)	3 - More aggressive (3)	4 - Most aggressive (4)

	Built-in protection	Standard and Strict
Safe Attachments policy	No difference	No difference
Safe Links policy		
Let users click through to the original URL (AllowClickThrough)	Selected (\$true)	Not selected (\$false)
Do not rewrite URLs, do checks via Safe Links API only (DisableURLRewrite)	Selected (\$true)	Not selected (\$false)
Apply Safe Links to email messages sent within the organization (EnableForInternalSenders)	Not selected (\$false)	Selected (\$true)

https://learn.microsoft.com/en-us/defender-office-365/preset-security-policies?WT.mc_id=%3Fwt.mc_id%3DM365-MVP-33230#order-of-precedence-for-preset-security-policies-and-other-policies

Safe links demo

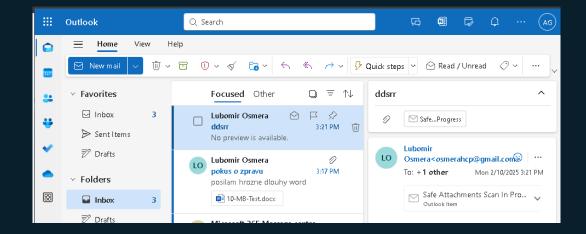


Safe attachments demo

Block Prevents messages with Protects your organization from repeated attacks using the same malware attachments. detected malware attachments from being This is the default value, and the recommended value in delivered. <mark>Standard</mark> and Strict preset security policies. Messages are quarantined. By default, only admins (not users) can review, release, or delete the messages.1 Automatically blocks future instances of the messages and attachments. Delivery of safe messages might be delayed due to Safe Attachments scanning.

Delivers messages Avoid message delays while protecting recipients from Dynamic immediately, but replaces Delivery malicious files. attachments with placeholders until Safe Attachments scanning is complete. Messages that contain malicious attachments are quarantined. By default, only admins (not users) can review, release, or delete the messages.1 For details, see the Dynamic Delivery in Safe Attachments policies section later in this article.

https://learn.microsoft.com/enus/defender-office-365/safe-attachmentsabout



Block autoforwarding outside the company

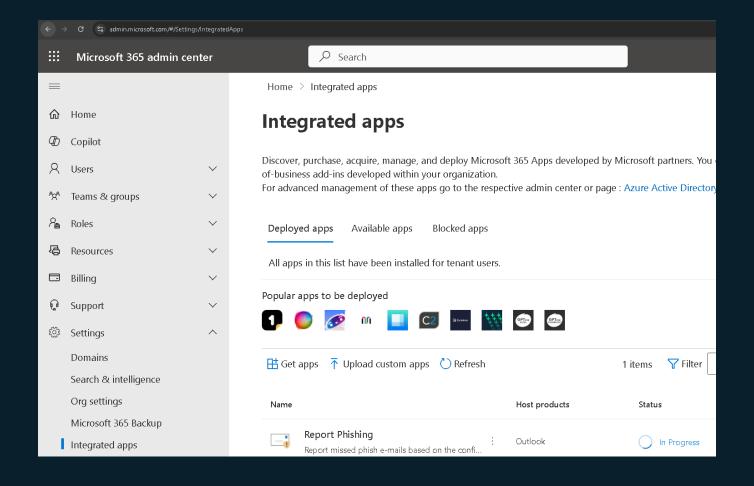
You can use outbound spam filter policies to control automatic forwarding to external recipients. Three settings are available:

- Automatic System-controlled: This is the default value. This value is now
 the same as Off Forwarding is disabled. When this value was originally
 introduced, it was equivalent to On Forwarding is enabled. Over time,
 thanks to the principles of secure by default, the effect of this value was
 eventually changed to Off Forwarding is disabled for all customers. For
 more information, see this blog post ...
- On Forwarding is enabled: Automatic external forwarding is allowed and not restricted.
- Off Forwarding is disabled: Automatic external forwarding is disabled and results in a non-delivery report (also known as an NDR or bounce message) to the sender

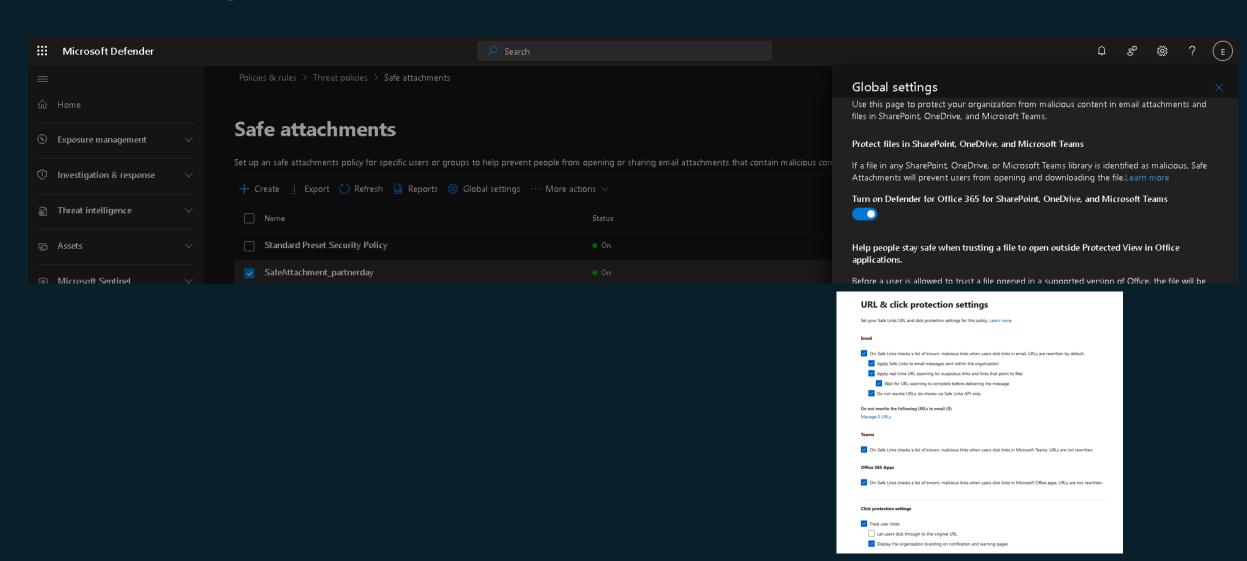
https://security.microsoft.com/antispam

Respond to user Phishing reports

https://admin.microsoft.com/#/Settings/IntegratedApps



Turn on Defender for Office 365 for SharePoint, OneDrive, and Microsoft Teams

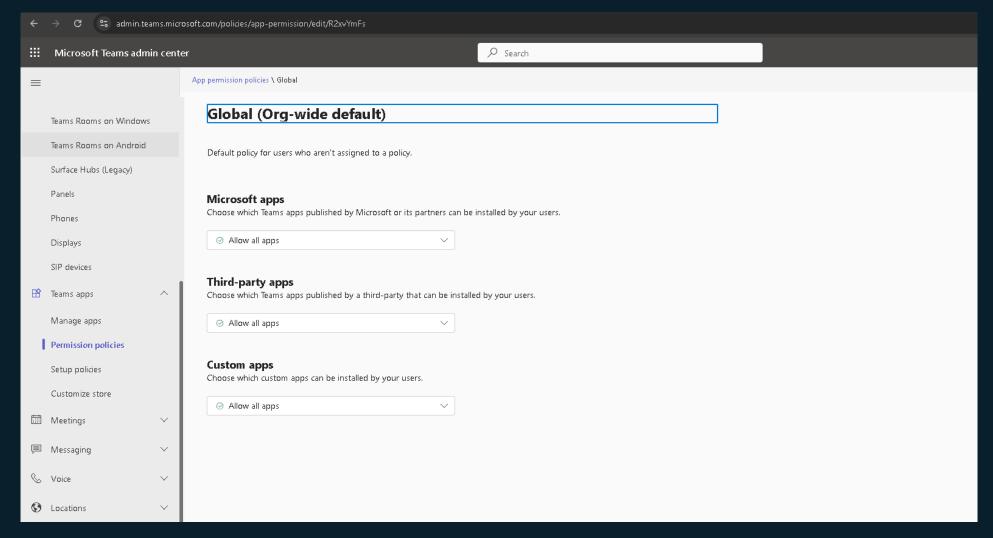


Some Teams security policies

- · https://admin.teams.microsoft.com/company-wide-settings/external-communications
- · https://admin.teams.microsoft.com/company-wide-settings/guest-configuration
- · https://admin.teams.microsoft.com/company-wide-settings/teams-settings

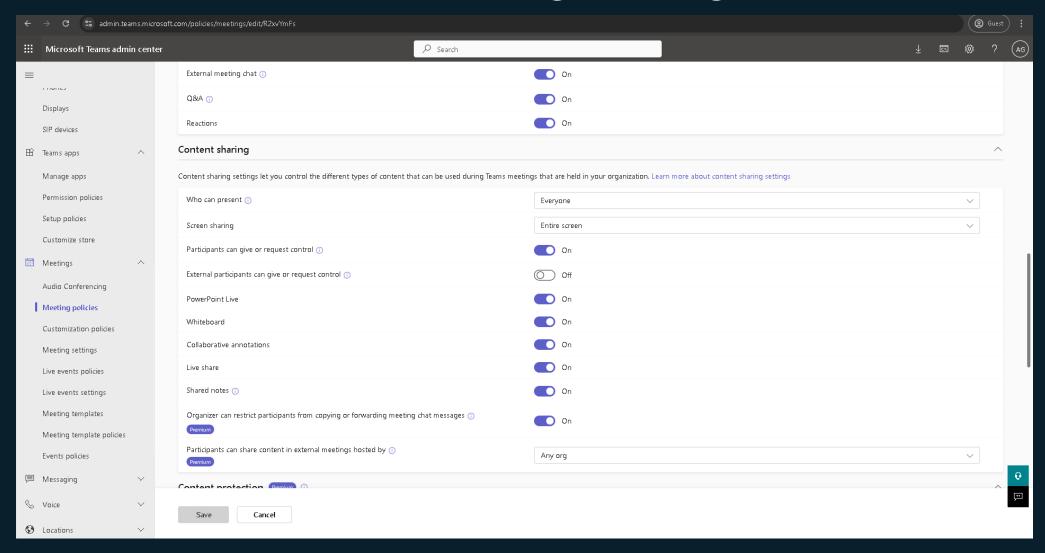
□ Guest access in Teams	Enabled
□ External chat in Teams	Enabled
☐ Third-party cloud storage in Teams	Blocked

Disable 3rd party & custom apps in Teams



https://admin.teams.microsoft.com/policies/app-permission/

Customize Teams meeting settings



https://admin.teams.microsoft.com/policies/meetings/edit/R2xvY mFs

Courses and certifications

- Microsoft 365 security basics
 - SC-900 https://www.gopas.cz/microsoft-365-zaklady-zabezpeceni-spravy-identit-a-souladu-moc-sc-900
- · Microsoft 365 identity and access security advanced
 - SC-300 https://www.gopas.cz/microsoft-365-sprava-uctu-overovani-uzivatelu-a-rizeni-pristupu moc-sc-300
- Gopas custom courses
 - Microsoft hybrid security:
 - · GOC215 https://www.gopas.cz/microsoft-365-bezpecnost-hybridniho-prostredi goc215
 - Microsoft 365 / Microsoft Azure hacking
 - GOC238 https://www.gopas.cz/microsoft-azure-hacking-a-penetracni-testovani-goc238













