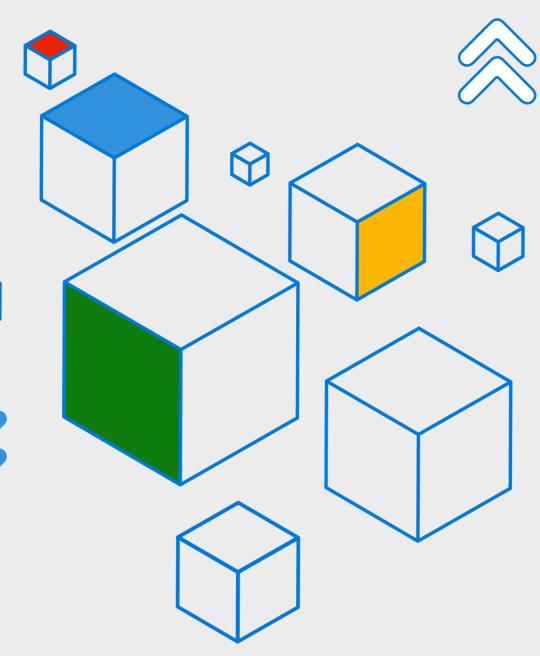
What's New in Microsoft Entra ID December '23 & January '24





Grace Picking



Jorge Lopez





Microsoft Entra Health

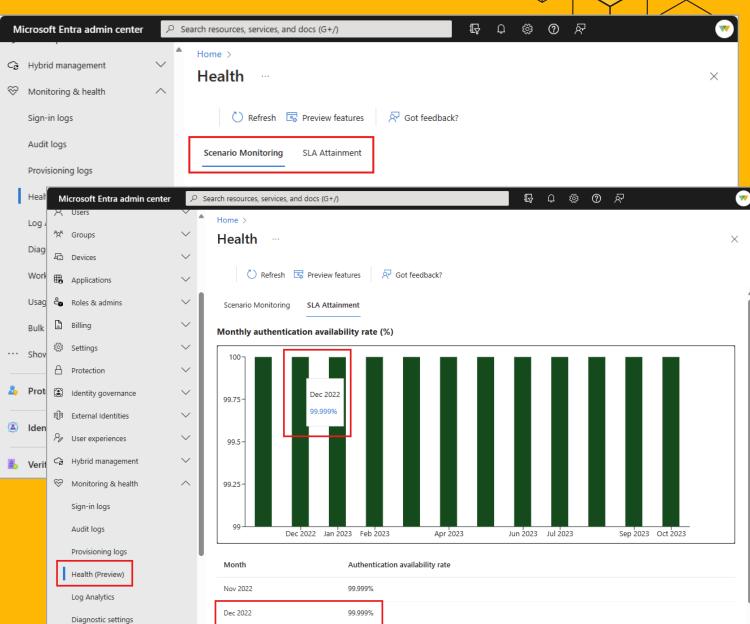
aka.ms/425show/EntraHealth



Stage: Public Preview

Product family: Microsoft Entra

Overview: Provides you with the ability to view the health of your Microsoft Entra tenant through a report of service level agreement (SLA) attainment and a data stream of health metrics you can use to monitor key Microsoft Entra ID authentication scenarios.





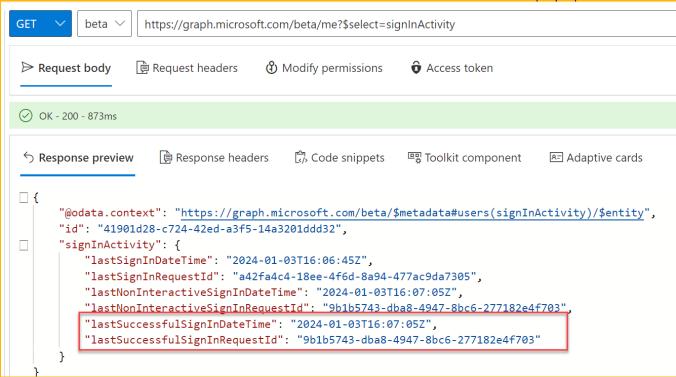
Last successful sign-in date for users



Stage: Public Preview

Product family: Microsoft Entra

Overview: Additional property added to the signInActivity API to display the last successful sign-in time for a specific user, regardless if the sign-in was interactive or non-interactive.





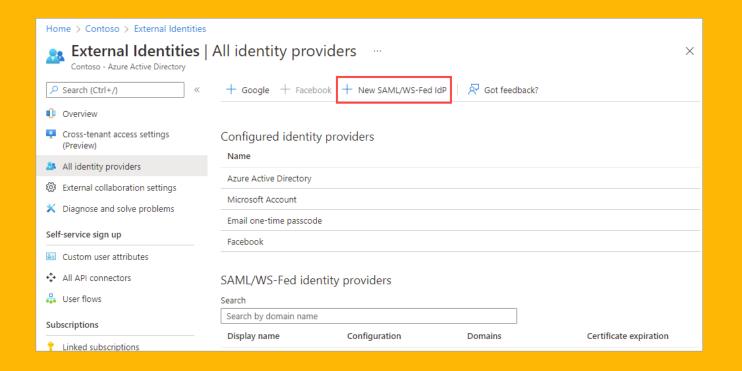
SAML/WS-Fed identity provider for Microsoft Entra ID verified domains

Stage: Public Preview

Product family: Microsoft Entra

ID

Overview: Enables admins to invite Microsoft Entra ID guests with Microsoft Entra ID verified domains to redeem with a SAML/WS-Fed identity provider.





Configurable redemption for B2B collaboration

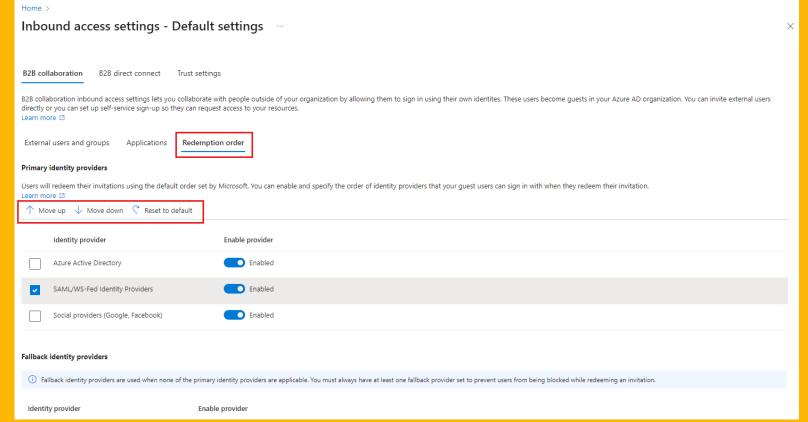


Stage: Public Preview

Product family: Microsoft

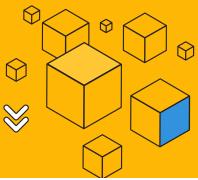
Entra ID

Overview: Provides you the ability to configure the redemption precedence order instead of using the one preset by Microsoft





Configurable Microsoft accounts in External Identities



Stage: Public Preview

Product family: Microsoft

Entra ID

Overview: Provides you with the ability to remove consumer Microsoft accounts as an option for Microsoft Entra ID B2B guests. This feature prevents invited guests from using personal accounts and instead requires an account managed by an external organization

Home > Inbound access settings - Default settings
B2B collaboration B2B direct connect Trust settings
828 collaboration inbound access settings lets you collaborate with people outside of your organization by allowing them to sign in using their own identities. These users become guests in your Azure AD organization. You can invite external users directly or you can set up self-service sign-up so they can request access to your resources. Learn more 121
External users and groups Applications Redemption order
Primary identity providers
Users will redeem their invitations using the default order set by Microsoft. You can enable and specify the order of identity providers that your guest users can sign in with when they redeem their invitation. Learn more 🖸
↑ Move up ↓ Move down ← Reset to default
Identity provider Enable provider
Azure Active Directory Enabled
SAML/WS-Fed Identity Providers Enabled
Social providers (Google, Facebook) Enabled
Fallback identity providers
Fallback identity providers are used when none of the primary identity providers are applicable. You must always have at least one fallback provider set to prevent users from being blocked while redeeming an invitation.
Identity provider Enable provider
Microsoft service account (MSA) Enabled
Email one-time passcode Enabled



Rich notifications in Microsoft Graph



Stage: GA

Overview: Allows you to subscribe to changes in your data and to receive notifications via webhooks and other methods. This feature supports various resources, such as messages, events, and contacts. Benefits include supplying richer information such as resource data and change type.

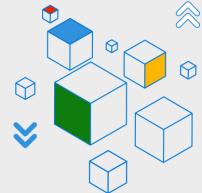
The encrypted notifications enhance security and privacy.

```
POST https://graph.microsoft.com/v1.0/subscriptions
Content-Type: application/json
{
    "changeType": "created,updated",
    "notificationUrl": "https://webhook.azurewebsites.net/api/resourceNotification
    "resource": "/teams/{id}/channels/{id}/messages",
    "includeResourceData": true,
    "encryptionCertificate": "{base64encodedCertificate}",
    "encryptionCertificateId": "{customId}",
    "expirationDateTime": "2019-09-19T11:00:00.0000000Z",
    "clientState": "{secretClientState}"
}
```

aka.ms/425show/RichNotifications



Single sign-on (SSO) and passwordless authentication for Azure Virtual Desktop and Windows 365



Stage: GA

Product family: Microsoft

Entra ID

Overview: Provides passwordless SSO with Microsoft Entra ID authentication and WebAuthn redirection for in session passwordless authentication for Azure Virtual Desktop and Windows 365. It helps bring not only a better end-user experience, but also a more secure one with support for phish resistant credentials that satisfies Executive Order requirements in the **United States**



425 Show: https://aka.ms/425Show/AVDSSO



Custom Security Attributes

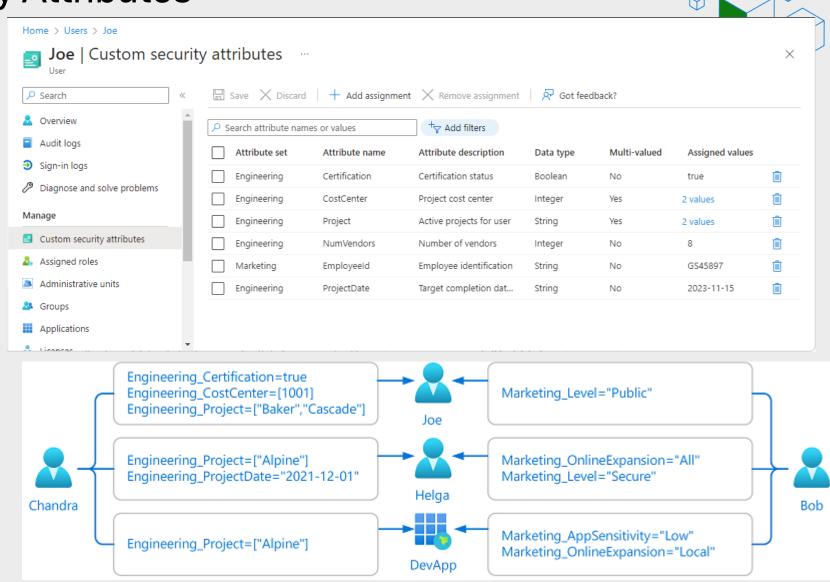
Stage: GA

Product family: Microsoft Entra

ID

Overview: Businessspecific attributes (keyvalue pairs) that you can define and assign to Microsoft Entra objects.

These attributes can be used to store information, categorize objects, or enforce fine-grained access control over specific Azure resources.



aka.ms/425show/customsecurityattributes



Filter for applications in Conditional Access (CA)

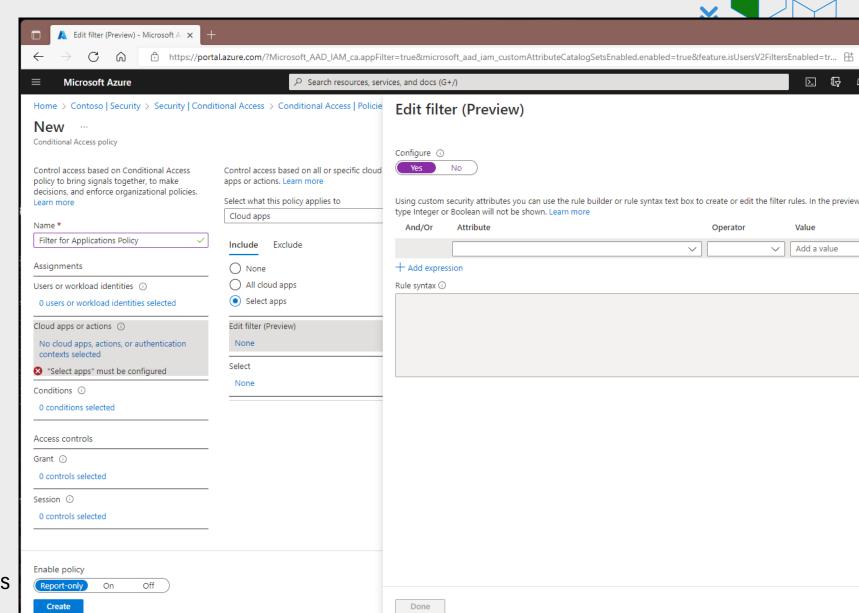


Stage: GA

Product family: Microsoft Entra ID

Overview: - Filters for apps in CA simplify policy management by allowing admins to tag apps with custom security attributes and target them in CA policies, instead of using direct assignments. With this feature you can scale up your policies and protect any number of apps, as the policy size won't increase when more apps are added. Workload identities can also be targeted with the new filter capability.

aka.ms/425show/CAfilterforapps





Azure ABAC conditions using principal attributes for

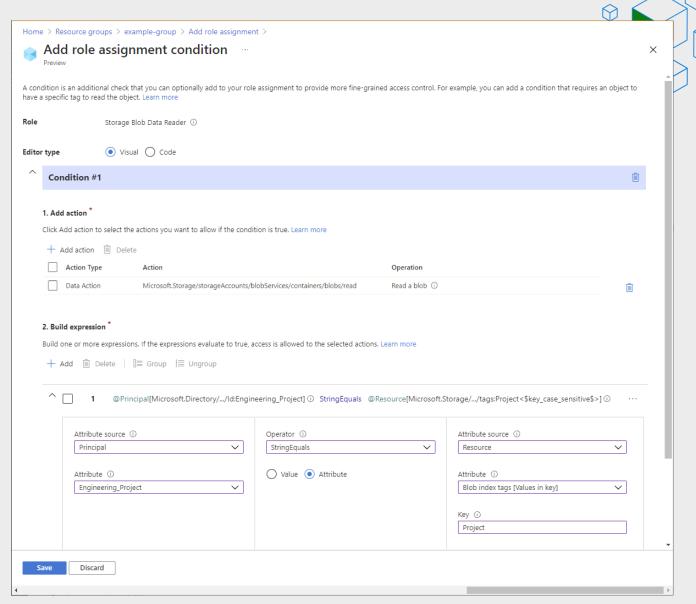
Azure Storage

Stage: GA

Product family:Microsoft Entra ID

Overview: Authorize access to Azure Blob

Storage based on blob index tags and custom security attributes assigned to users or applications.



aka.ms/425show/AzureABAC



FIPS 140-3 enterprise compliance for Microsoft Authenticator app on Android



Stage: GA

Product family: Microsoft Entra ID

Overview: Beginning with version 6.2310.7174, Microsoft Authenticator for Android is compliant with Federal Information Processing Standard (FIPS 140-3) for all Microsoft Entra authentications, including phishing-resistant device-bound passkeys, push multi-factor authentication (MFA), passwordless phone sign-in (PSI) and time-based one-time passcodes (TOTP)







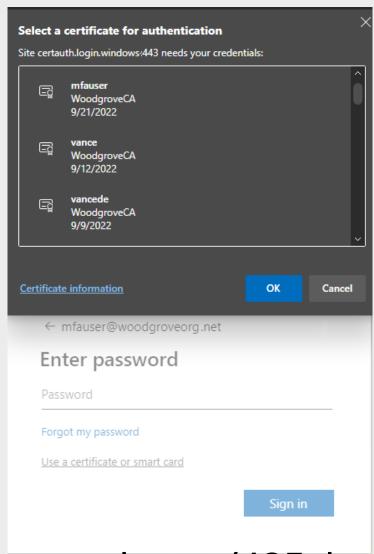
Microsoft Entra CBA as Most Recently Used (MRU)

method

Stage: GA

Product family: Microsoft Entra ID

Overview: Set once a user authenticates successfully using Microsoft Entra CBA, and the user's MRU authentication method is set to CBA. Next time, when the user enters their UPN and clicks Next, the user is taken to the CBA method directly and need not select Use the certificate or smart card.







Microsoft Entra CBA: support for additional username bindings

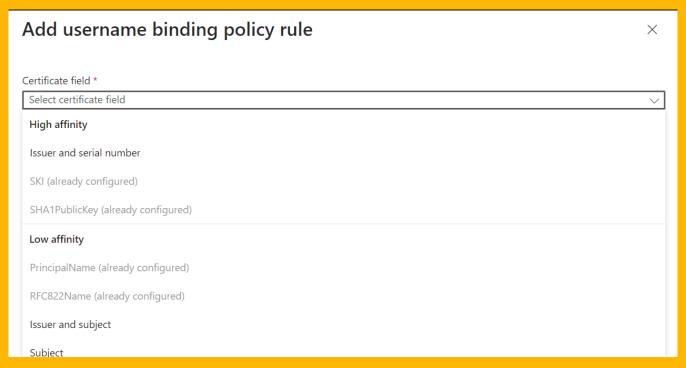


Stage: Public Preview

Product family: Microsoft Entra

ID

Overview: Adds three additional bindings, including subject, issuer+subject and issuer+serial number.





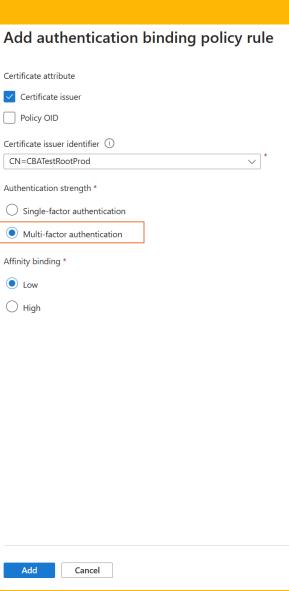
Microsoft Entra certificate-based authentication (CBA) as second factor

Stage: Public Preview

Product family: Microsoft

Entra ID

Overview: Microsoft Entra CBA can be used as a second factor to meet MFA requirements with singlefactor certificates







Microsoft Entra certificate-based authentication (CBA): issuer and OID support on the authentication method policy

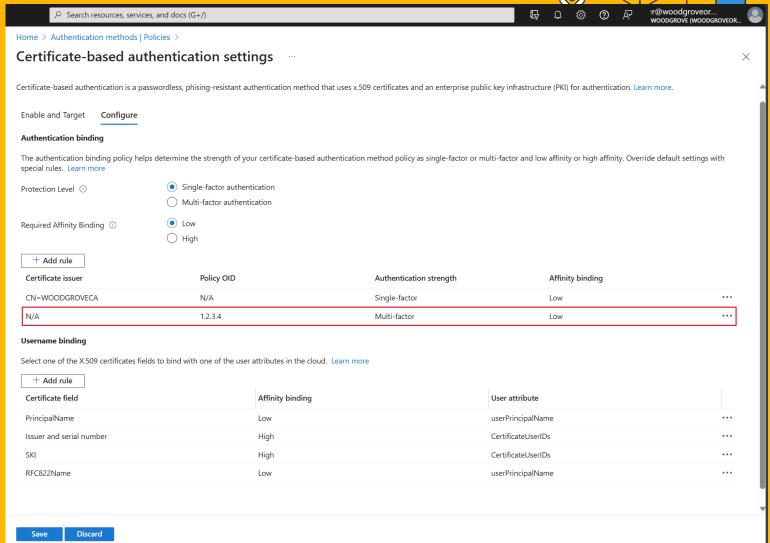


Stage: Public Preview

Product family: Microsoft

Entra ID

Overview: Admins can now configure certificate strength as well as the username binding used to authenticate a certificate by issuer and Policy OID values.





Lifecycle workflows: Download workflow history reports

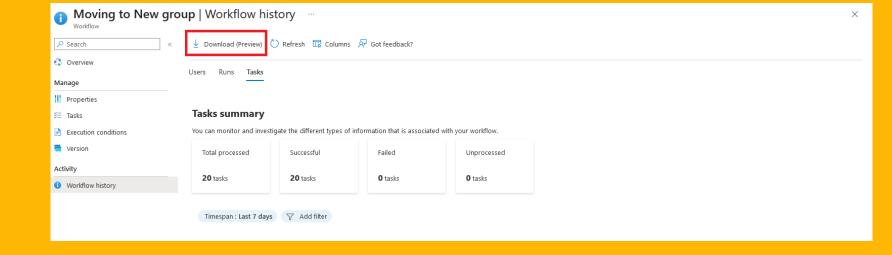


Stage: Public Preview

Product family: Microsoft

Entra ID

Overview: Allows you to download Lifecycle Workflows' existing workflow history reports as comma-separated values (CSV) file via the Microsoft Entra admin center.





Microsoft Entra ID Governance: inactive guest insights



Stage: GA

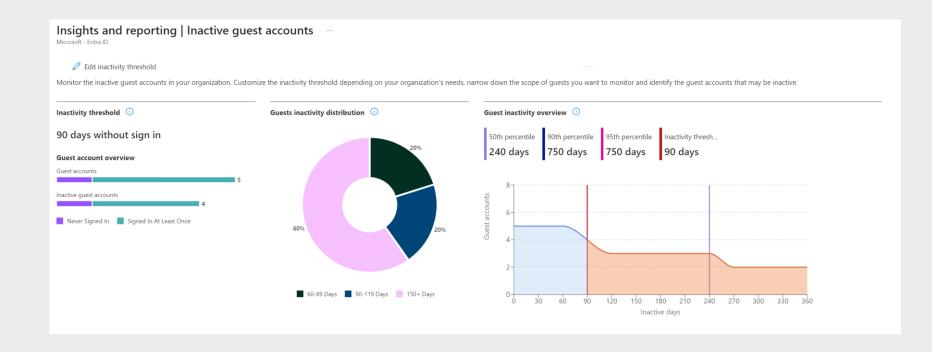
Product family:
Microsoft Entra ID
Governance

Overview: Allows you to monitor guest accounts at scale

with intelligent insights into inactive guest users in your organization. You can customize the inactivity

threshold depending on your organization's needs, narrow down the scope of guest users you want to

monitor and identify the guest users that may be inactive.





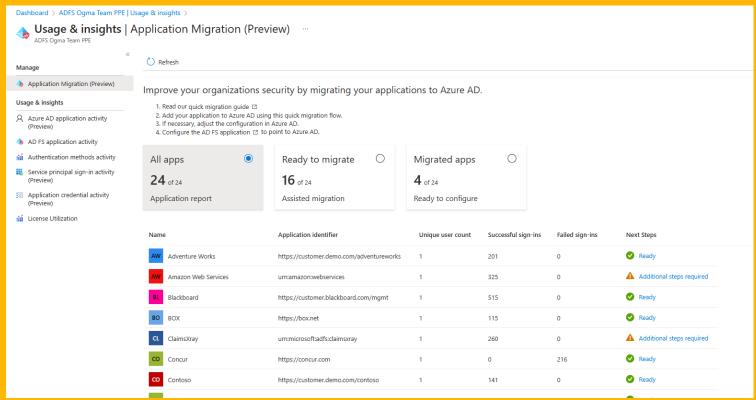
AD FS to Microsoft Entra ID application migration wizard



Stage: Public Preview

Product family : Microsoft Entra

Overview: Analyzes an AD FS environment to identify compatible applications ready to migrate to Microsoft Entra ID and provides step-by-step guidance



aka.ms/425show/ADFStoEntralD



Support for hybrid Exchange Server deployments with Microsoft Entra Connect cloud sync



Stage: GA

Product family: Microsoft

Entra ID

Overview: Ensures Active Directory user attributes are up to date for those onpremises users in disconnected forests who have their mailbox managed by Exchange Online.

Basics	
Enable password hash sync	
Exchange hybrid writeback	
Notifications	
One notification will be sent with	in 24 hours of quarantine.
Notification email	
Accidental deletions	
result in quarantine. Set the thres	accidental changes that can affect many users and groups and shold for the number of objects that, if deleted, a notification will be sent to the email that is specified. This and 250,000.
result in quarantine. Set the three synchronization should stop and	shold for the number of objects that, if deleted, a notification will be sent to the email that is specified. This
result in quarantine. Set the thres synchronization should stop and threshold should be between 1 a	shold for the number of objects that, if deleted, a notification will be sent to the email that is specified. This

aka.ms/425show/ExchangeHybridWB



Centralized view of Permissions Management risk recommendations as part of Microsoft Defender for Cloud



Stage: Public Preview

Product family: Microsoft Entra

Permissions Management

Overview: Security admins can now get a centralized view of the unused or excessive access permissions within Microsoft Defender for Cloud. This capability enables teams to drive the least privilege access controls for cloud resources and receive actionable recommendations for resolving permissions risks across Microsoft Azure, AWS, and GCP – as part of Microsoft Defender Cloud Security Posture Management (CSPM).

Category	Capabilities	Defender for	Permissions
Category	Сараничез	Cloud	Management
Discover	Permissions discovery for high-risk identities (including unused identities, overprovisioned active identities, unused super identities) in Azure, AWS, and GCP	~	~
	Permissions Creep Index (PCI) for multicloud environments (Azure, AWS, GCP) and all identities	~	~
	Permissions discovery for all identities, groups in Azure, AWS, and GCP	Х	~
	Permissions usage analytics, role/policy assignments in Azure, AWS, and GCP	X	~
	Support for Identity Providers (including AWS IAM Identity Center, Okta, Google Workspace)	Х	~
Remediate	Automated deletion of permissions	X	✓
	Remediate identities by attaching/detaching the permissions	Χ	✓
	Custom role/AWS Policy generation based on activities of identities, groups, and users.	X	~
	Permissions on demand (time-bound access) for human and workload identities via Microsoft Entra Admin Center, APIs, ServiceNow app.	Х	~
Monitor	Machine Learning-powered anomaly detections	X	✓
	Activity based, rule-based alerts	Х	✓
	Context-rich forensic reports (for example, PCI history report, user entitlement and usage report)	X	~

aka.ms/425show/MEPMDefenderForCloud



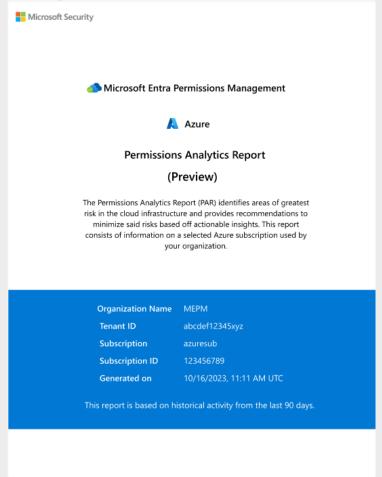
Microsoft Entra Permissions Management: Permissions Analytics Report (PAR) PDF

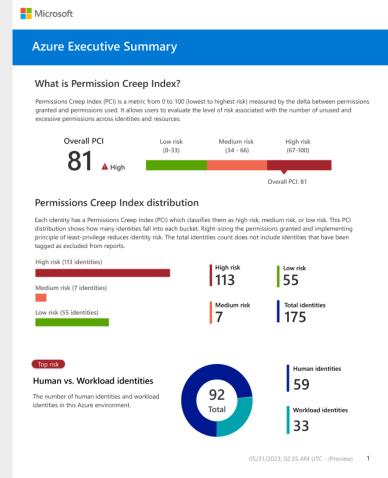


Stage: GA

Product family: Microsoft Entra Permissions Management

Overview: The PAR lists findings across identities and resources in Microsoft Entra Permissions Management and can be directly viewed in the UI, downloaded in an Excel format, and exported as a PDF. The report is available for all supported cloud environments: AWS, Microsoft Azure, and GCP, and can be downloaded for up to 10 authorization systems with one click.





aka.ms/425show/MEPMPAR



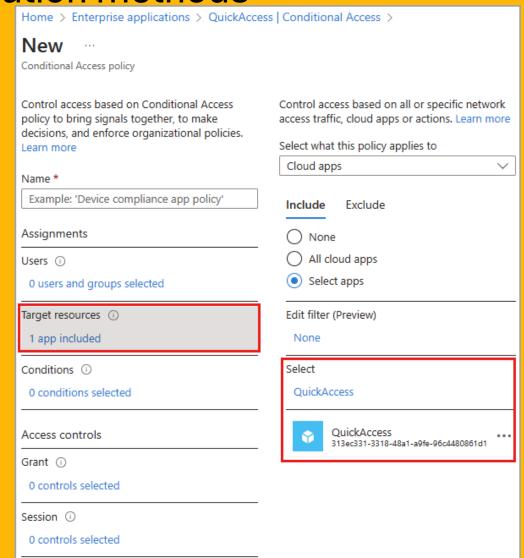
Microsoft Entra Private Access: Conditional Access and modern authentication methods

Stage: Public Preview

Product family: Microsoft Global

Secure Access

Overview: Enables you to use Conditional Access controls and modern authentication methods, such as multifactor authentication (MFA), to secure access to all private applications and resources for remote and on-premises users.





Microsoft Security Service Edge: client support for Windows



Stage: Public Preview

Product family: Microsoft Entra

Global Secure Access

Overview: For both Microsoft Entra Internet Access and Microsoft Entra Private Access, we now support a client for Windows.





Update: Microsoft Security Service Edge: increase of points of presence coverage –



Stage: Public Preview

Product family: Microsoft Global

Secure Access

Overview: Microsoft Security Service Edge is now available globally (except in China and Russia) with more points of presence added in the future.

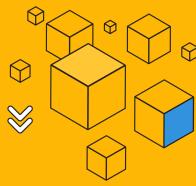
Microsoft Entra Internet Access and Microsoft Entra Private Access

			Expand table
Europe Middle East Africa (EMEA)	Asia Pacific (APAC)	Latin America (LATAM)	North America (NA)
Amsterdam, Netherlands	Busan, South Korea	Rio de Janeiro, Brazil	Boydton, Virginia, USA
Berlin, Germany	Chennai, India		Cheyenne, Wyoming, USA
Cape Town, South Africa	Melbourne, Australia		Chicago, Illinois, USA
Dubai, UAE	Osaka, Japan		Des Moines, Iowa, USA
Dublin, Ireland	Pune, India		Manassas, Virginia, USA
Frankfurt, Germany	Seoul, South Korea		Montreal, Quebec, Canada
Gavle, Sweden	Singapore, Singapore		Phoenix, Arizona, USA
Johannesburg, South Africa	Sydney, Australia		Queretaro, Mexico
London, UK	Taipei, Taiwan		Quincy, Washington, USA
Milan, Italy	Tokyo, Japan		San Antonio, Texas, USA
Paris, France			San Jose, California, USA
Tel Aviv, Israel			Toronto, Ontario, Canada
Warsaw, Poland			
Zurich, Switzerland			

aka.ms/425show/MicrosoftEntraSSE



Microsoft Security Service Edge: client support for Android

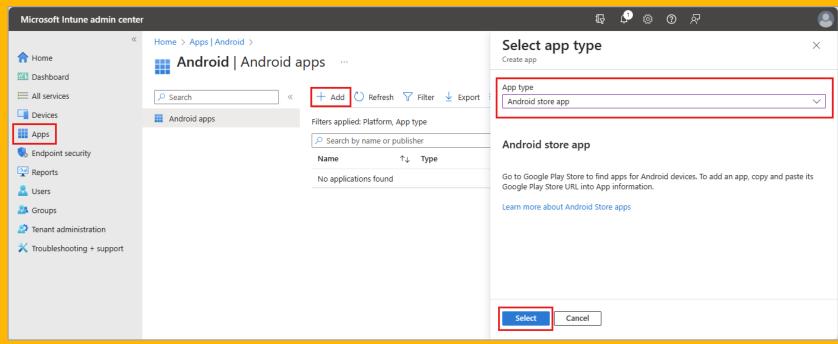


Stage: Public Preview

Product family:

Microsoft Global Secure Access

Overview: For both Microsoft Entra Internet Access and Microsoft Entra Private Access, we now add a client supporting Android.





Microsoft Entra Internet Access: Universal

Conditional Access

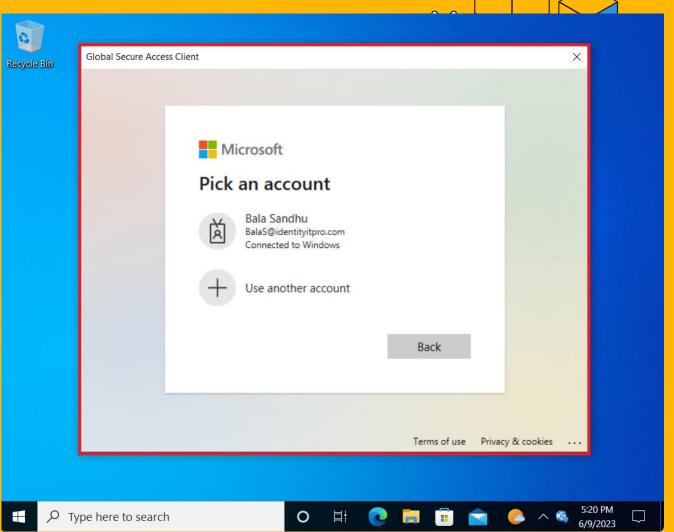


Stage: Public Preview

Product family: Microsoft Global

Secure Access

Overview: Extends adaptive access controls to any network destination, such as an external website or a non-federated SaaS application.





Microsoft Entra Internet Access: compliant network

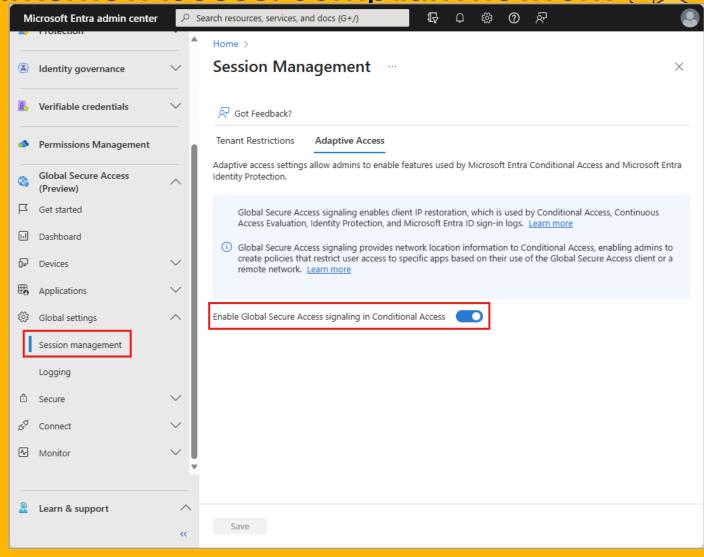
check

Stage: Public Preview

Product family: Microsoft

Global Secure Access

Overview: Compliant Network Check, an easy-tomanage construct within Conditional Access, allows you to protect Microsoft Entra integrated cloud applications against token theft and ensures users do not bypass network security policies specific to their tenant while accessing critical cloud services.





Microsoft Entra Internet Access: Source IP restoration

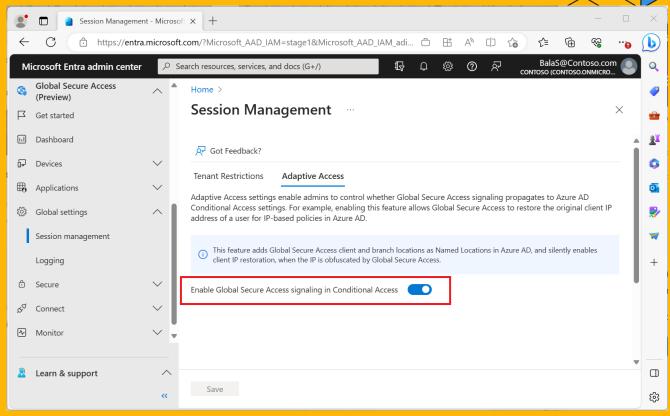


Stage: Public Preview

Product family: Microsoft Global

Secure Access

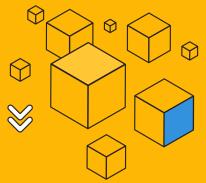
Overview: Compliant Network
Check, an easy-to-manage
construct within Conditional
Access, allows you to protect
Microsoft Entra integrated cloud
applications against token theft
and ensures users do not bypass
network security policies specific
to their tenant while accessing
critical cloud services.



aka.ms/425show/MicrosoftEntraSSE



Microsoft Entra Internet Access: Universal tenant restrictions

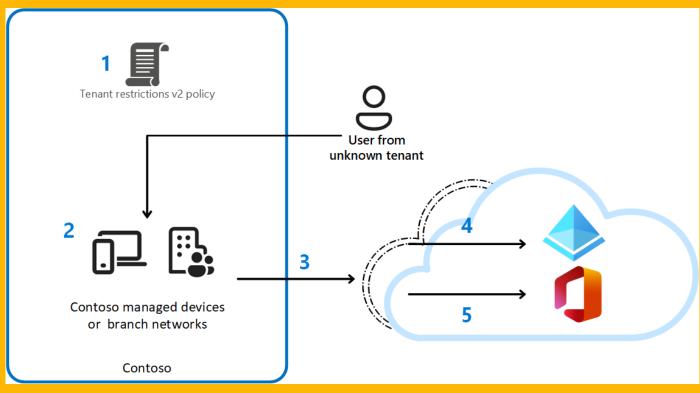


Stage: Public Preview

Product family: Microsoft Global

Secure Access

Overview: Enhance the functionality of tenant restriction v2 using Global Secure Access to tag all traffic no matter the operating system, browser, or device form factor. It allows support for both client and remote network connectivity. Administrators no longer have to manage proxy server configurations or complex network configurations



aka.ms/425show/MicrosoftEntraSSE



Microsoft Entra Internet Access: enriched Microsoft

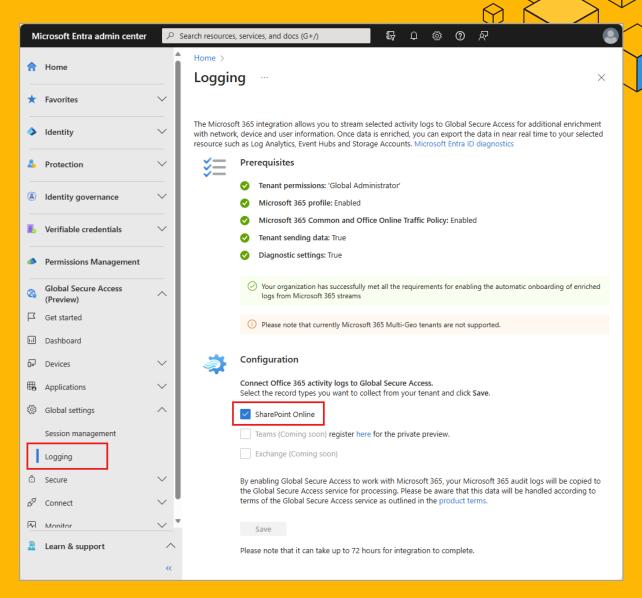
365 logs

Stage: Public Preview

Product family: Microsoft Global

Secure Access

Overview: Gain insights into the performance, experience, and availability of the Microsoft 365 apps your organization uses





Microsoft Entra Internet Access: remote network health logs

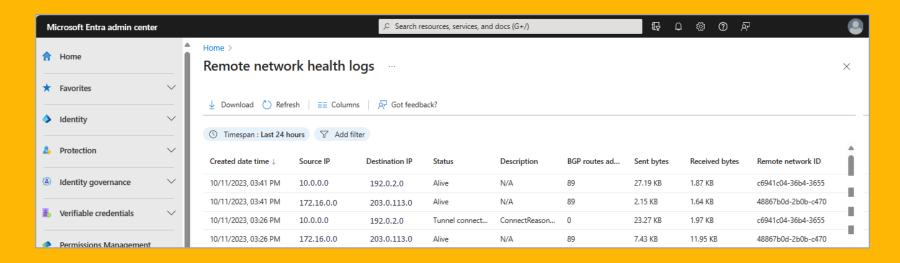


Stage: Public Preview

Product family:

Microsoft Global Secure Access

Overview: Provides visibility into the health of the IPSec tunnel and the Border Gateway Protocol route advertisement. This long-running tunnel and routing information are the keys to your remote network health



aka.ms/425show/MicrosoftEntraSSE



Microsoft Entra Internet Access for all apps



Stage: Public Preview

Product family: Microsoft

Global Secure Access

Overview: Provides an identity-centric Secure Web Gateway (SWG) solution for Software as a Service (SaaS) applications and other Internet traffic. It protects users, devices, and data from the Internet's wide threat landscape with best-in-class security controls and visibility through Traffic Logs.

```
"Security Profile for Angie" <---- the security profile
Allow msn.com at priority 100 <---- higher priority filtering policies
Block News at priority 200 <---- lower priority filtering policy
```

aka.ms/425show/MicrosoftEntraSSE

Thank you for tuning in!

Don't forget to tune in again for the October updates in November!









Grace Picking



Jorge Lopez

