

AZURE ACTIVE DIRECTORY AND IDENTITY SECURITY

MICROSOFT IGNITE (FALL 2021)







Microsoft Ignite Azure Recap 2021 meets Community Meetups



HIGHLIGHTS OF MICROSOFT IGNITE (FALL 2021) AZURE IDENTITY + SECURITY



ZERO TRUST & CONDITIONAL ACCESS



SECURING NON-HUMAN (WORKLOAD) IDENTITIES



IDENTITY SECURITY AND -GOVERNANCE

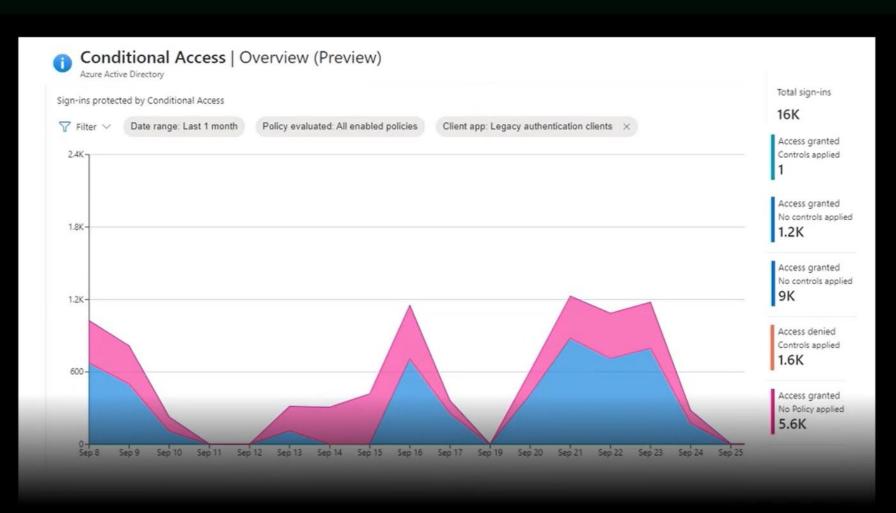


MODERNIZING IDENTITY
& MIGRATE FROM ON-PREM



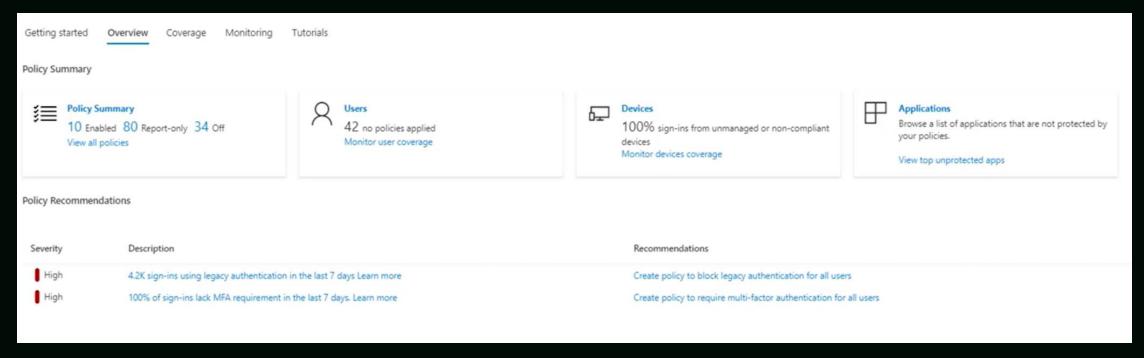
ZERO TRUST AND CONDITIONAL ACCESS

ZERO TRUST AND CONDITIONAL ACCESSNEW DASHBOARD AND PRE-BUILT TEMPLATES



Conditional Access Overview
Dashboard with updated "Gaps
Analyzer" and recommendations
(incl. Policy Templates)

ZERO TRUST AND CONDITIONAL ACCESS NEW DASHBOARD AND OVERVIEW



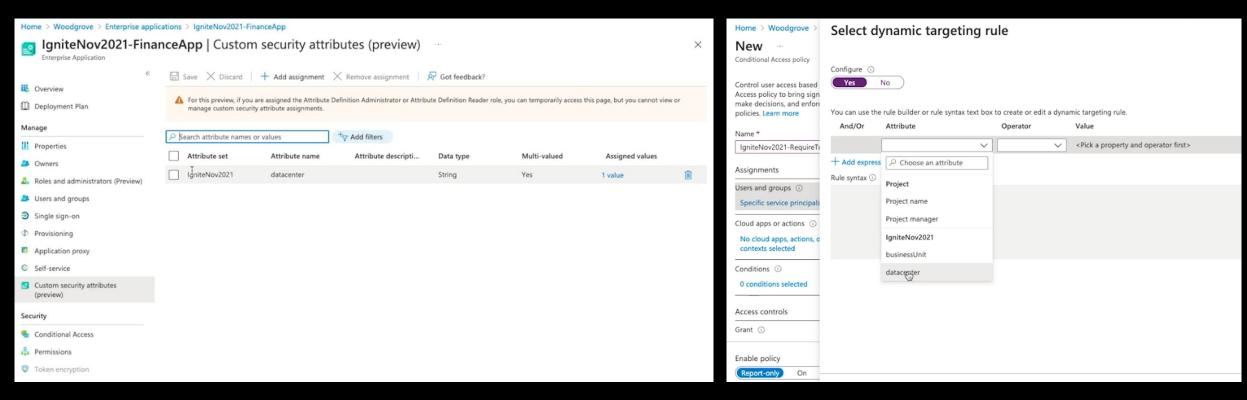
Summary of Conditional Access Configuration and coverage incl. recommendations

ZERO TRUST AND CONDITIONAL ACCESS PRE-BUILT TEMPLATES

omize your build Se	elect template	Review + create					
ecommend the following	templates based	on your response					
Require multi-factor authentication for admins	nentication (Securing security info registration Secure when and how users register	Block legacy authentication Block legacy authentication endpoints	Require multi-factor authentication for all users	Require multi-factor authentication for guest access	Require multi-factor authentication for Azure management	Require multi-factor authentication for risky sign-in
Require multi-factor authentication for privileged administrative accounts to reduce risk of compromise. This policy will target the same roles as		for Azure AD Multi-Factor Authentication and self-service password.	that can be used to bypass multi- factor authentication. View policy summary	Require multi-factor authentication for all user accounts to reduce risk of compromise.	Require guest users perform multi- factor authentication when accessing your company resources.	Require multi-factor authentication to protect privileged access to Azure resources. (Requires an Azure AD Premium 2 License)	Require multi-factor authentication if the sign-in risk is detected to be medium or high. (Requires an Azure AD Premium 2 License)
Security Default.		View policy summary	Their pointy summery	View policy summary	View policy summary	View policy summary	View policy summary
View policy summary Require password change risk users	e for high-					view policy summary	view policy summary
Require the user to chang password if the user risk i to be high. (Requires an A Premium 2 License)	is detected						
View policy summary							

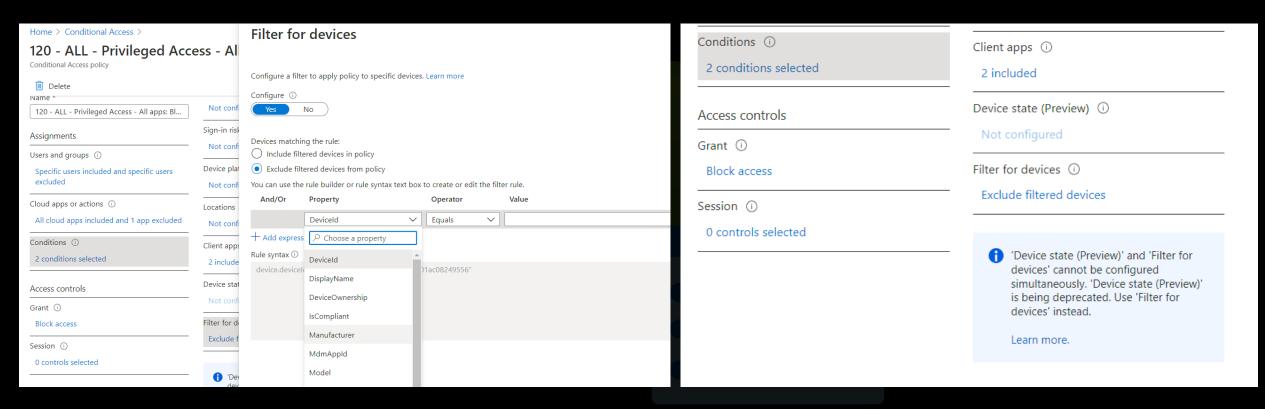
Create built-in policy templates for common use cases (right from recommendations/overview)

ZERO TRUST AND CONDITIONAL ACCESS DYNAMIC FILTERS FOR APPS



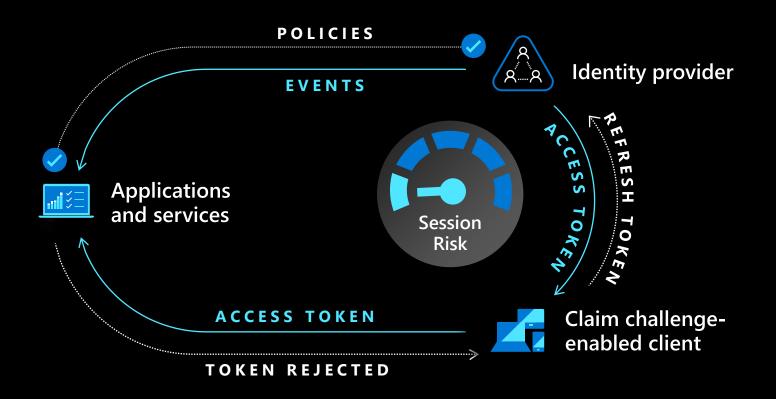
Dynamic Targeting Rule for Apps (Public preview by the end of the year)

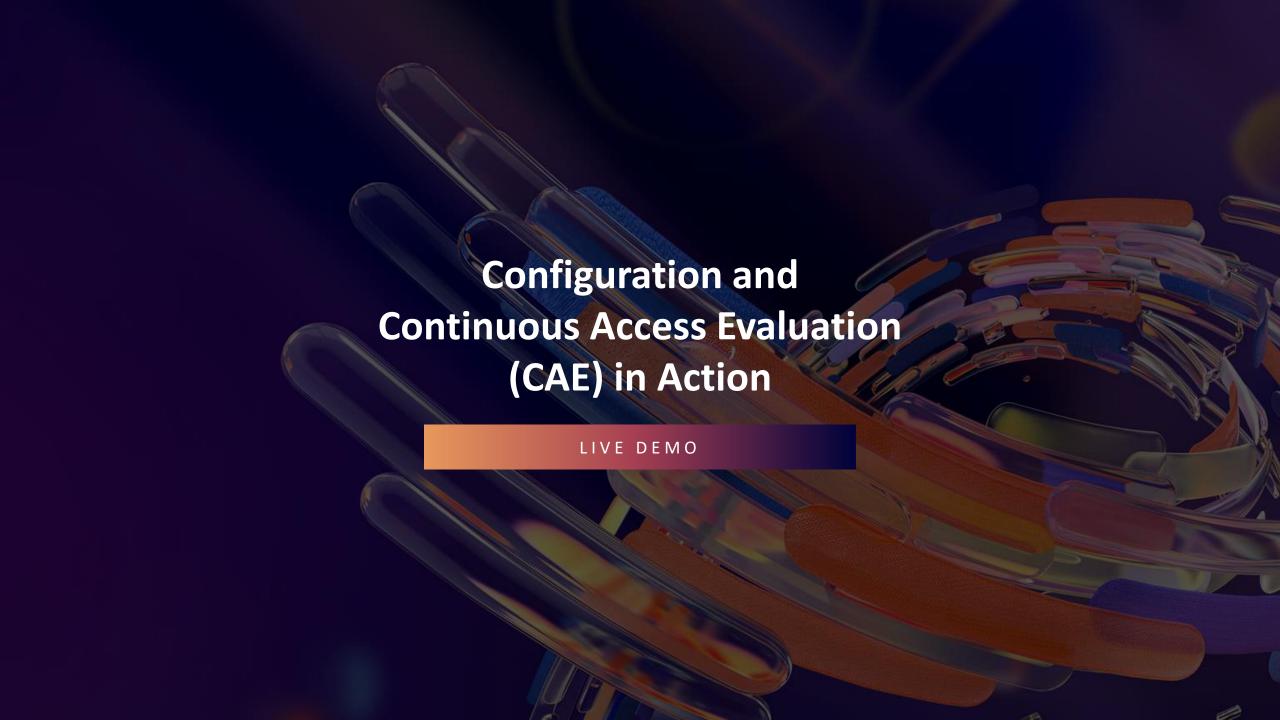
ZERO TRUST AND CONDITIONAL ACCESS DYNAMIC FILTERS FOR DEVICES



Device Filters for granular assignment of policies (Now in GA, Device state deprecated)

ZERO TRUST AND CONDITIONAL ACCESS CONTINUOUS ACCESS EVALUATION

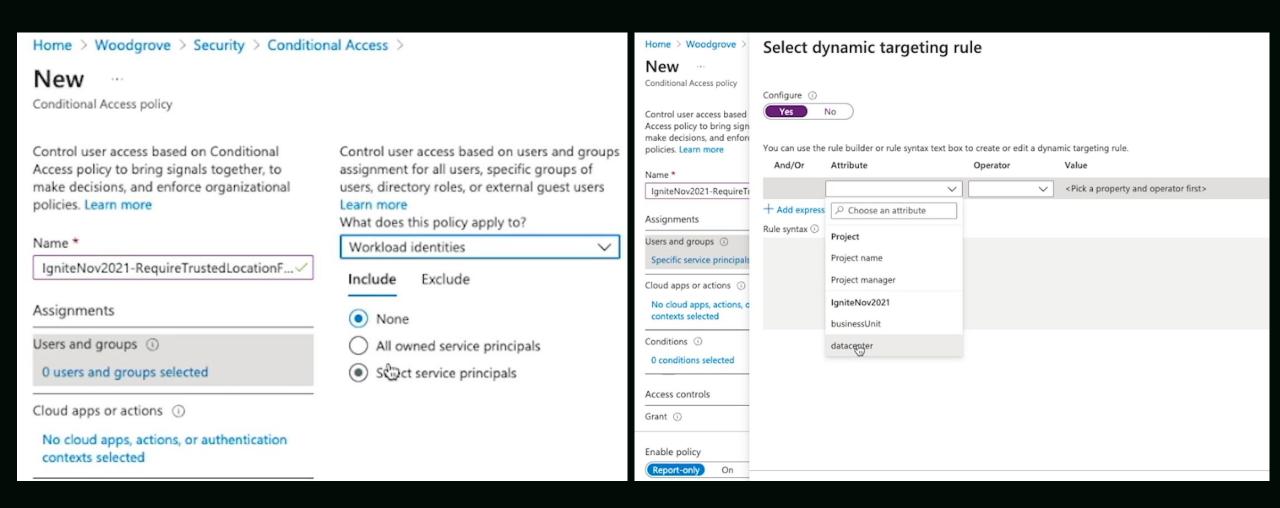






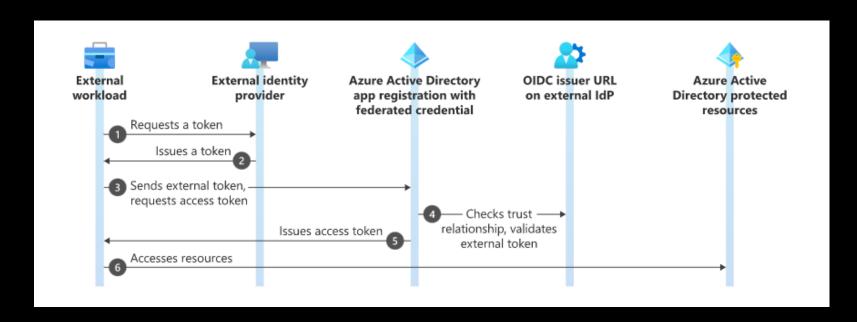
SECURING NON-HUMAN (WORKLOAD) IDENTITIES

SECURING NON-HUMAN (WORKLOAD) IDENTITIES SUPPORT FOR CONDITIONAL ACCESS



SECURING NON-HUMAN (WORKLOAD) IDENTITIES

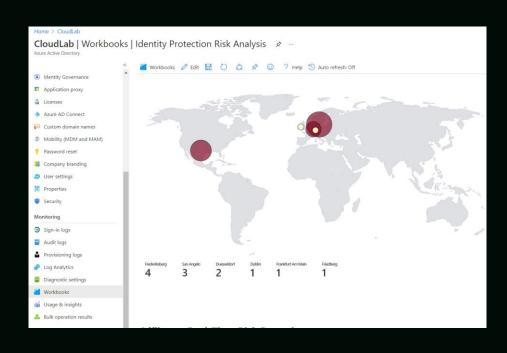
- New authentication method policies available in Microsoft Graph
- Added Managed Identity Support for many built-in operations and connectors
- GitHub Actions support for workload identity federation with Azure AD
 Alternative to creating and storing AAD credentials in the GitHub repo when they deploy applications to Azure:





IDENTITY SECURITY AND -GOVERNANCE

IDENTITY SECURITY AND -GOVERNANCE ENHANCED FEATURES IN IDENTITY PROTECTION



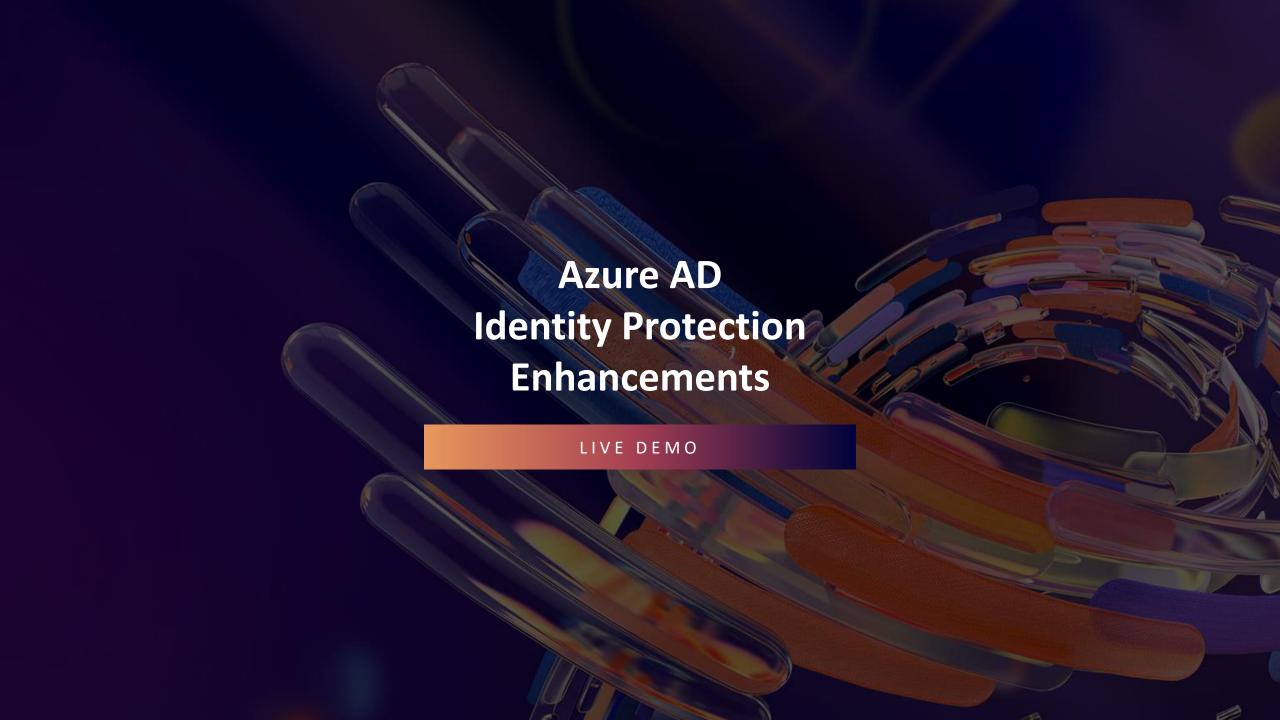
Risk analysis workbook visualizes your risk data and the effectiveness of your response

Identity Protection offers new detections:

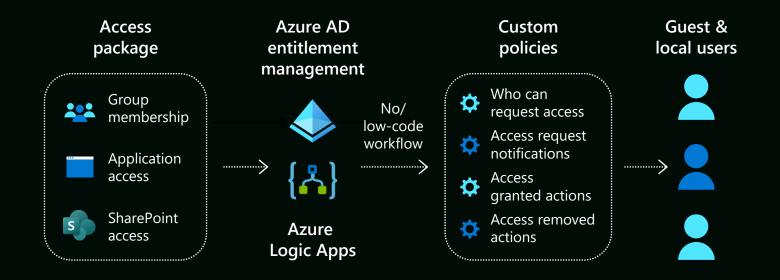
detections for anomalous tokens

Diagnostic settings to export risk data to your SIEM

Changes in Default Sign-in Failure Detections in Microsoft Defender for Cloud Apps (MCAS)



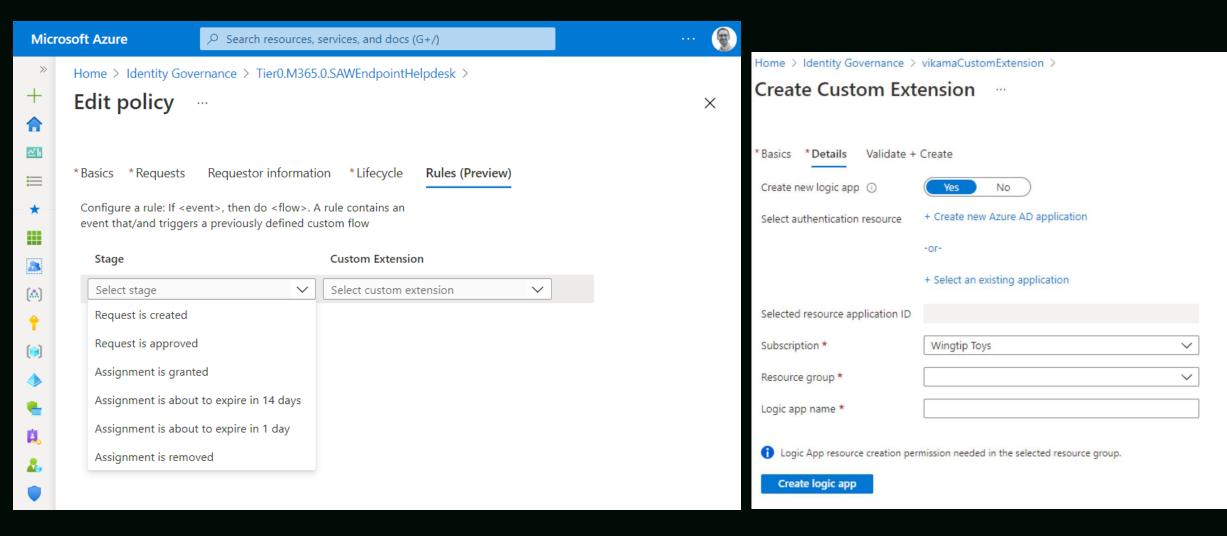
IDENTITY SECURITY AND -GOVERNANCE CUSTOM APPROVAL WORKFLOWS



Trigger custom Logic Apps with Azure AD entitlement management

IDENTITY SECURITY AND -GOVERNANCE

CUSTOM APPROVAL WORKFLOWS



IDENTITY SECURITY AND -GOVERNANCE CLOUDKNOX



Identity
Governance
& Administration



Privileged Access Management

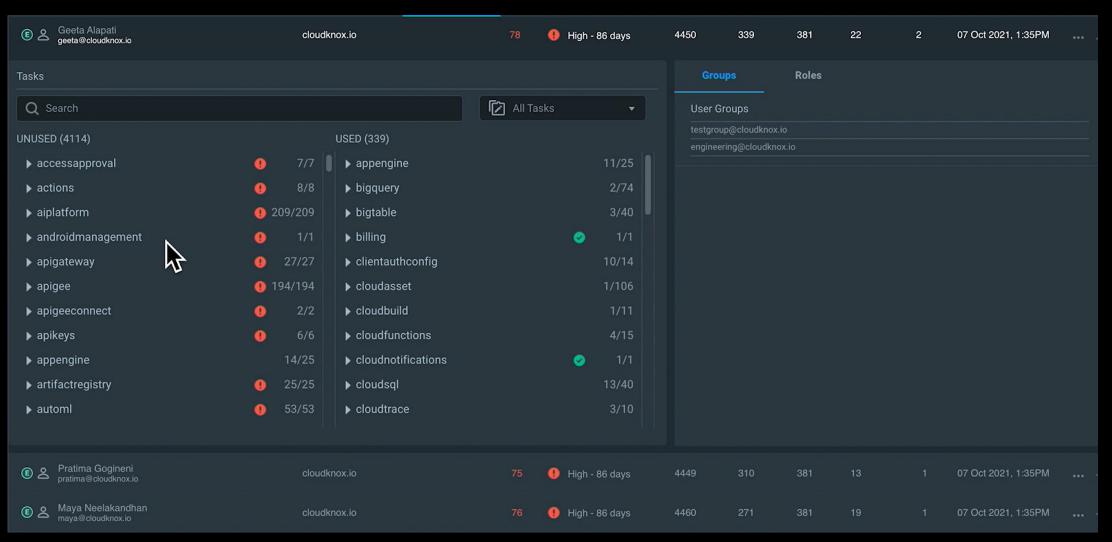


Cloud Infrastructure Entitlements Management

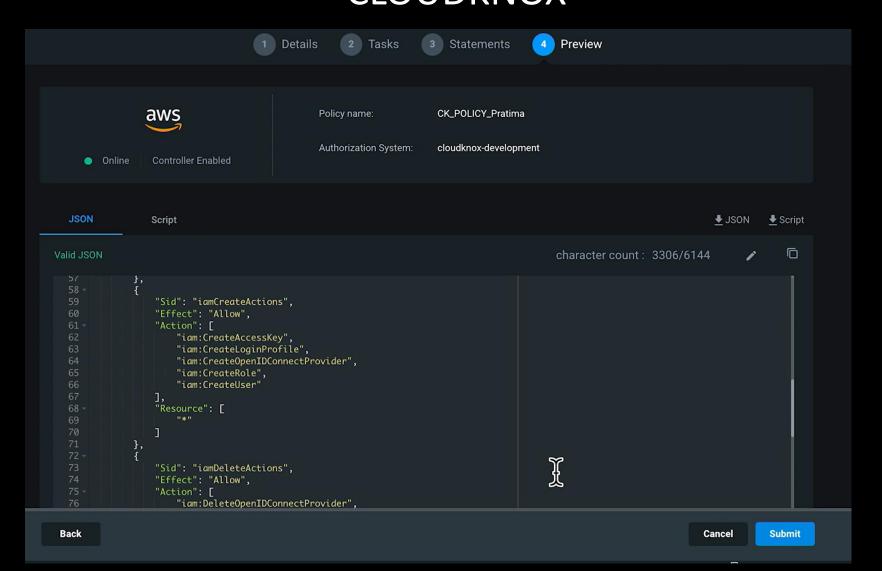
Deliver a unified multi-cloud solution that spans identity provisioning, lifecycle management, workflow automation, permissions management, and analytics

IDENTITY SECURITY AND -GOVERNANCE

CLOUDKNOX

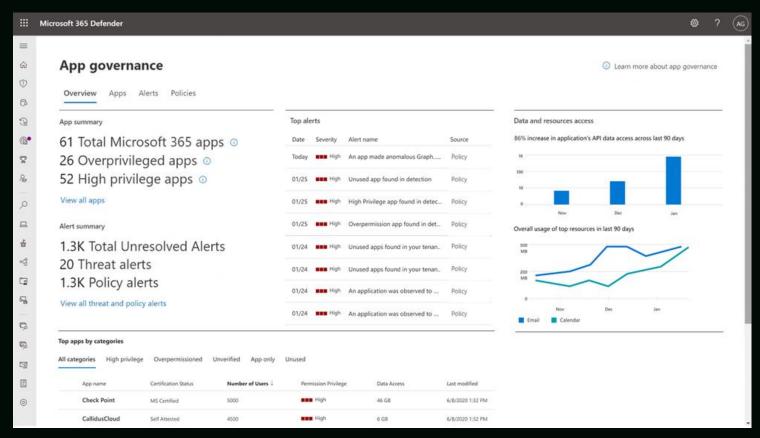


IDENTITY SECURITY AND -GOVERNANCE CLOUDKNOX



IDENTITY SECURITY AND -GOVERNANCE MICROSOFT DEFENDER CLOUD APPS APP GOVERNANCE

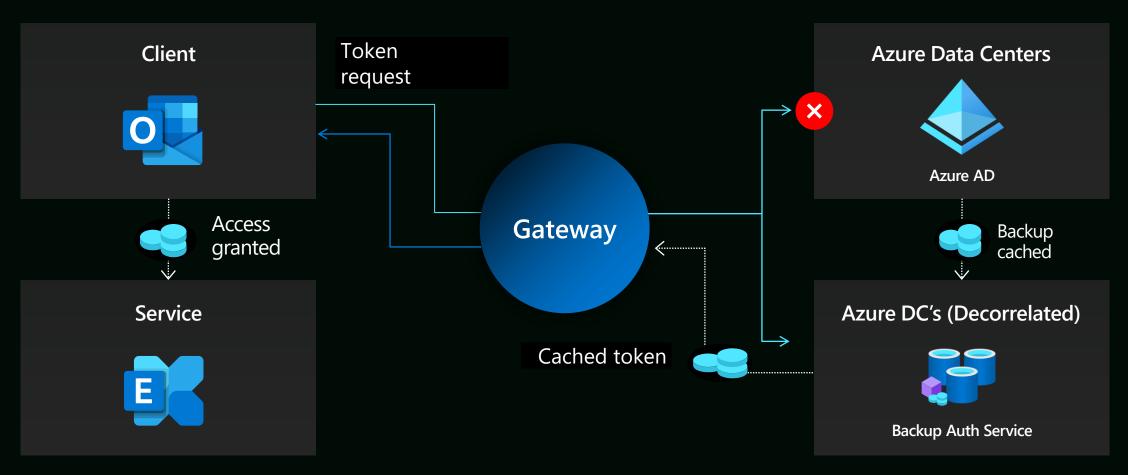
- App Governance is GA now
- Designed for OAuth-enabled apps with access to M365 data (via Graph API)





MODERNIZE IDENTITY & MIGRATE FROM ON-PREM

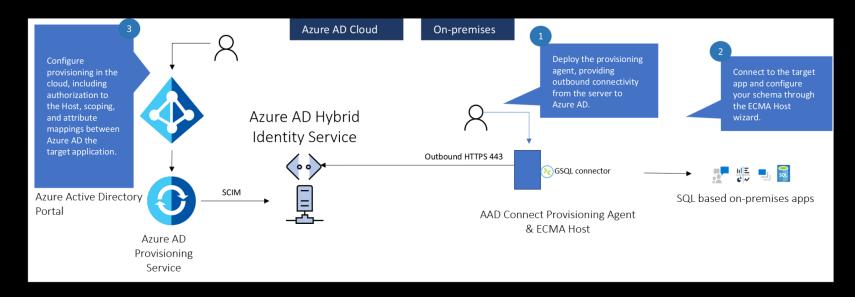
MODERNIZE IDENTITY & MIGRATE FROM ON-PREM RESILIENCY IMPROVEMENTS IN PLATFORM



More details on configure <u>Resilience Defaults</u> in Conditional Access

MODERNIZE IDENTITY & MIGRATE FROM ON-PREM ENHANCEMENT FOR MICROSOFT HYBRID IDENTITY

- Accelerate migration from AD FS application with previews of extended claims support, token filtering, and additional SAML configuration settings
- Enable cloud sync self-service password reset writeback to an on-premises environment (preview)
- On-Premises (or private cloud) application provisioning from Azure AD

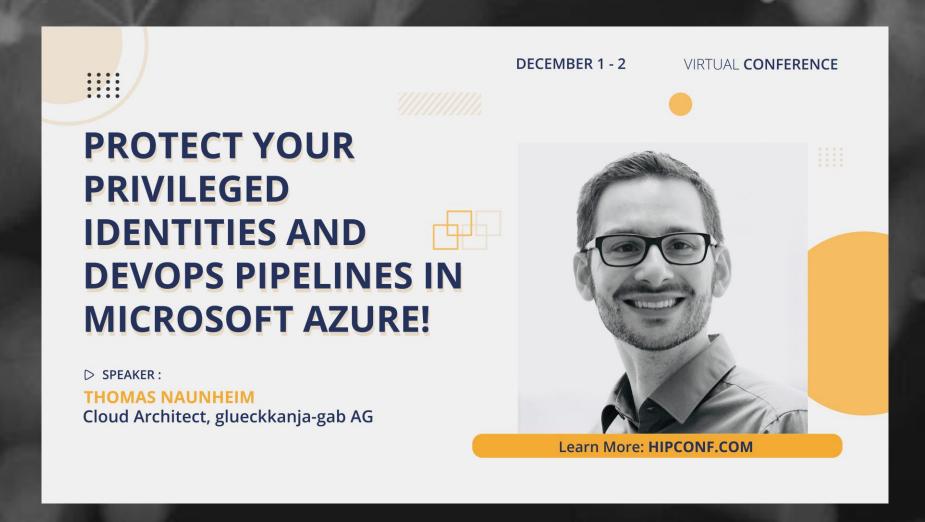


LEARN MORE ABOUT...CONDITIONAL ACCESS



aMS Germany → Free Registration

LEARN MORE ABOUT... WORKLOAD IDENTITIES



Hybrid Identity Protection Conference > Free Registration

THANK YOU





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