

Wipro's Microsoft Entra Permissions Risk Check Workshop



Who we are



8,000+ CyberSecurists

600+ Clients

60+ Countries

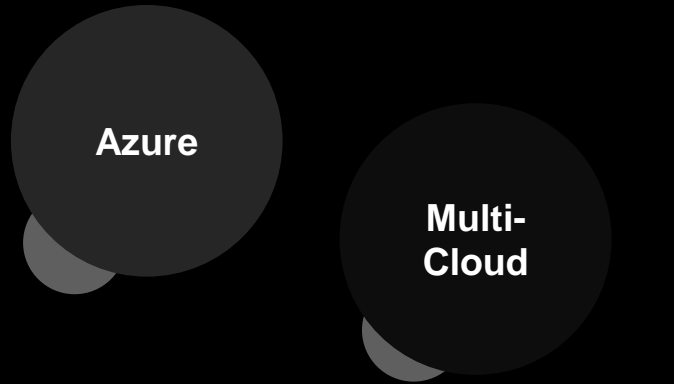
16 Global Cyber Defense Centers

- Microsoft Gold Security Partner
- MISA Member
- **Advanced Specialization In**
 - Identity & Access
 - Threat Protection
 - Information Protection & Governance
 - Cloud Security

Microsoft Entra Permissions Management Overview

Entra Permissions Management (earlier called as Cloudknox) is a Cloud Infrastructure Entitlement Management (CIEM) platform from Microsoft which enables the continuous discovery, creation, monitoring and enforcement of least privilege policies across an organizations cloud infrastructure

It covers and implements least privileges across the major cloud providers like



Microsoft Entra Permissions Risk Check Workshop - Overview



Discover excessive/unused permissions risks in your organization

Provide insight into the roles/permissions risks that exist in your Azure and Multi-cloud environments (AWS, GCP). Risk discovery requires **READ-ONLY** permission to consume the logs.



Analyze and report

Analyze the findings and risks. Provide insight and highlight those that are most impactful.



Learn about Microsoft Entra Permissions Mgmt service that can control and mitigate privilege permissions risks

How Microsoft Entra Permissions Mgmt. can help and what this means for the end user.



Recommendations and next steps

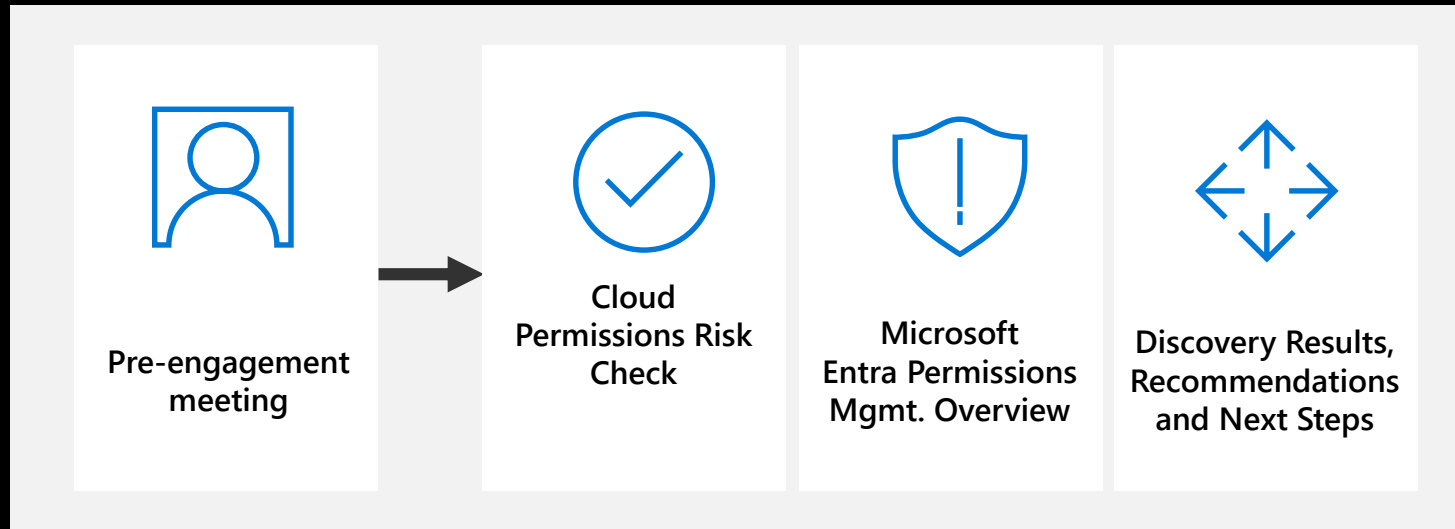
Provide recommendations for risk mitigation and define actionable next steps



Engagement Objectives

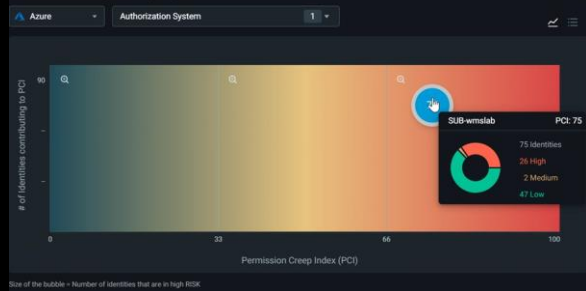
Microsoft Entra Permissions
Risk Check Workshop

Workshop Phases



Sample Microsoft Entra Permissions Risk Check

Permission Creep Index (PCI)



Identity

Findings

- 84 Inactive Apps
- 57 Inactive Users
- 11 Inactive Serverless Functions
- 9 Super Users
- 6 Over Provisioned Active Users

Resource

Findings

- 24 Open Network Security Groups
- 8 Microsoft Managed Keys
- 2 Blob Containers Accessible Externally

Identities

Export

Name	Domain / Account	Permission Creep Index		Tasks		Resources	User Groups	Last Activity On	
		Index	Since	Granted	Executed				
msp.anil.Ranjan msp.anilr@wmslab.net	SUB-wmslab	84	High - 57 Days ago	11752	34	1479	0	May 19 2022 8:17 PM	...
Idam Srikanth idam.srikanth@wmslab.net	SUB-wmslab	84	High - 57 Days ago	11811	25	1479	0	May 20 2022 12:49 PM	...
sia.pavan sia.pavan@wmslab.net	SUB-wmslab	84	High - 57 Days ago	11750	19	1479	1	May 18 2022 10:48 AM	...
Citizens User7 citizens.users7@wmslab.net	SUB-wmslab	16	Low - 34 Days ago	11746	9	281	0	Apr 18 2022 9:43 AM	...
msp.vinodk msp.vinodk@wmslab.net	SUB-wmslab	84	High - 57 Days ago	11799	8	1479	0	Apr 20 2022 3:58 PM	...
data.sunil data.sunil@wmslab.net	SUB-wmslab	2	Low - 57 Days ago	4890	2	1479	1	Apr 21 2022 3:05 PM	...

Microsoft Entra Permissions Risk Check - Key Outcomes

- Permission Usage Analysis
- Permissions Creep Index (PCI) report for all identities
- Over provisioned permissions list
- Unused/Stale permissions list
- Top 5 Risky Identities with Permission Risks Analysis & Mitigation approaches

Thank You



CyberSecurity
by CyberSecurists.