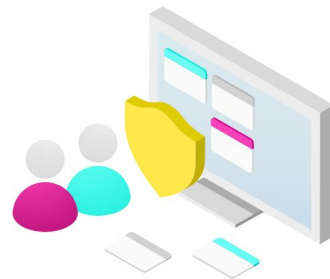




Secure Your SaaS with Microsoft Defender for Cloud Apps

Detect Shadow IT • Prevent Risky
Behavior • Gain Visibility

#PerparimLabs



What is Microsoft Defender for Cloud Apps?



Microsoft Defender for Cloud Apps (formerly Cloud App Security) is a **Cloud Access Security Broker (CASB)**.



It helps secure your organization's use of **SaaS apps** like OneDrive, Dropbox, and Salesforce by:



Monitoring user activity



Detecting risky behavior



Preventing data leaks



Controlling unsanctioned app usage

The Problem: Shadow IT

Employees often use **unauthorized cloud services** to stay productive, but this introduces risk.

Examples:






Storing sensitive files in personal Dropbox

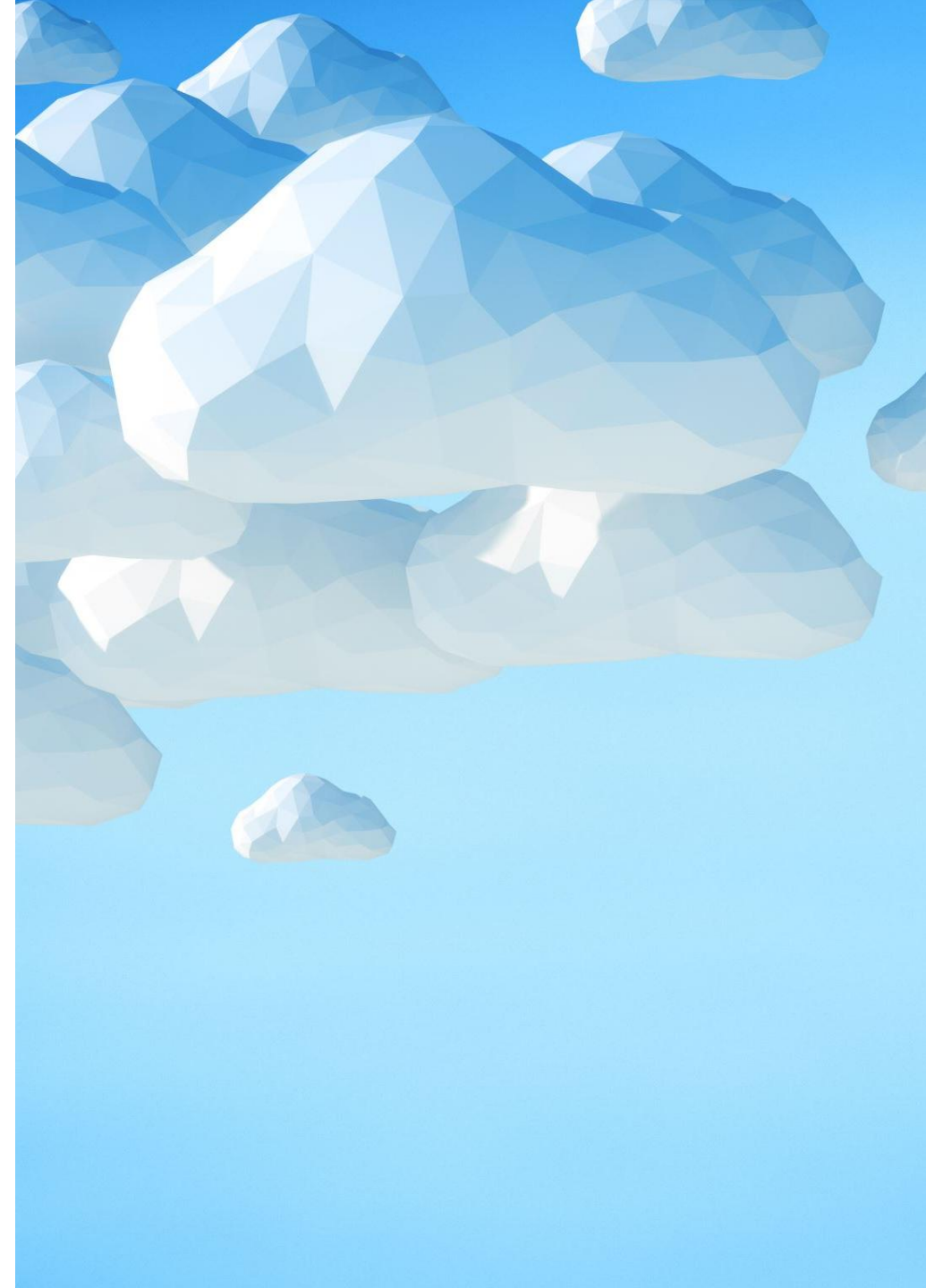
Sharing documents outside the org via Gmail

Logging into apps from unmanaged devices

Defender for Cloud Apps detects and blocks this!

What Can Defender for Cloud Apps Do?

-  Discover SaaS apps used by employees
-  Block access to unsanctioned cloud services
-  Provide visibility into cloud usage
-  Enforce policies like DLP and MFA
-  Alert you to risky behavior or threats





Detect & Report: Shadow IT Visibility

Defender for Cloud Apps tracks:

Websites users visit

Cloud apps being used

Who's using what and how

App risk levels based on 80+ factors

More than **16,000 apps** are classified by Microsoft for risk!

Real Example: Preventing Personal Dropbox Use



Scenario: A company mandates OneDrive for file storage.



 **Without Defender:** Users upload files to personal Dropbox.



 **With Defender:**



Blocks Dropbox access



Forces sign-in to OneDrive for Business



Logs policy violations

App Proxy: Control What Gets Accessed



Defender for Cloud Apps uses **reverse proxy** to inspect sessions in real time.



Example:



Block download of sensitive files on **unmanaged** devices



Force re-authentication if risk is detected



Mask sensitive data fields in risky sessions

Why Should You Care?



Prevent data leaks and compliance violations



Control cloud usage from any location or device



Secure apps even if accessed from mobile or browser





Keep your company protected in a hybrid work world






How Will You Secure Your Cloud Apps?

Have you tried Microsoft Defender for Cloud Apps?
Let me know if you'd like help getting started or
building real-world labs.

-  Follow for more cloud security labs
-  Drop questions or thoughts in the comments!

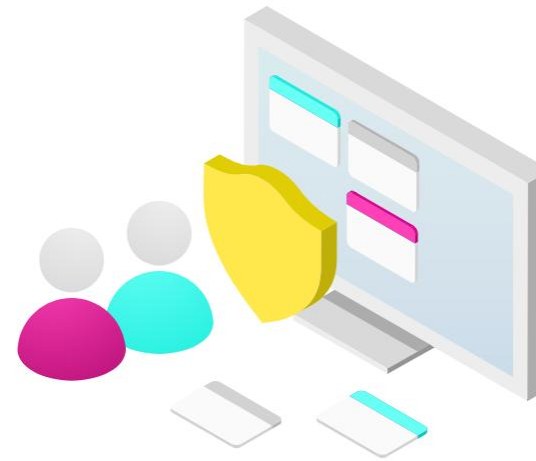
Built with from #PerparimLabs



-  Learning every day.
-  Sharing labs to help others.
-  Growing together on the cloud journey.

[Home](#) > [Perparims Cloud Solutions](#) >

Perparims Cloud Solutions ...



#AzureSecurity • #Microsoft365 • #CloudSecurity • #DefenderForCloudApps
• #SC300 • #CyberSecurity • #PerparimLabs