

# Discover Shadow IT

Identify, assess and manage your organization's cloud apps



By 2022, a third of successful attacks experienced by enterprises will be on their Shadow IT resources<sup>1</sup>

Cloud-based services have significantly increased productivity for today's workforce, prompting users to adopt new cloud apps and making it a challenge to keep up. Shadow IT and can introduce significant security and compliance risks into your organization.

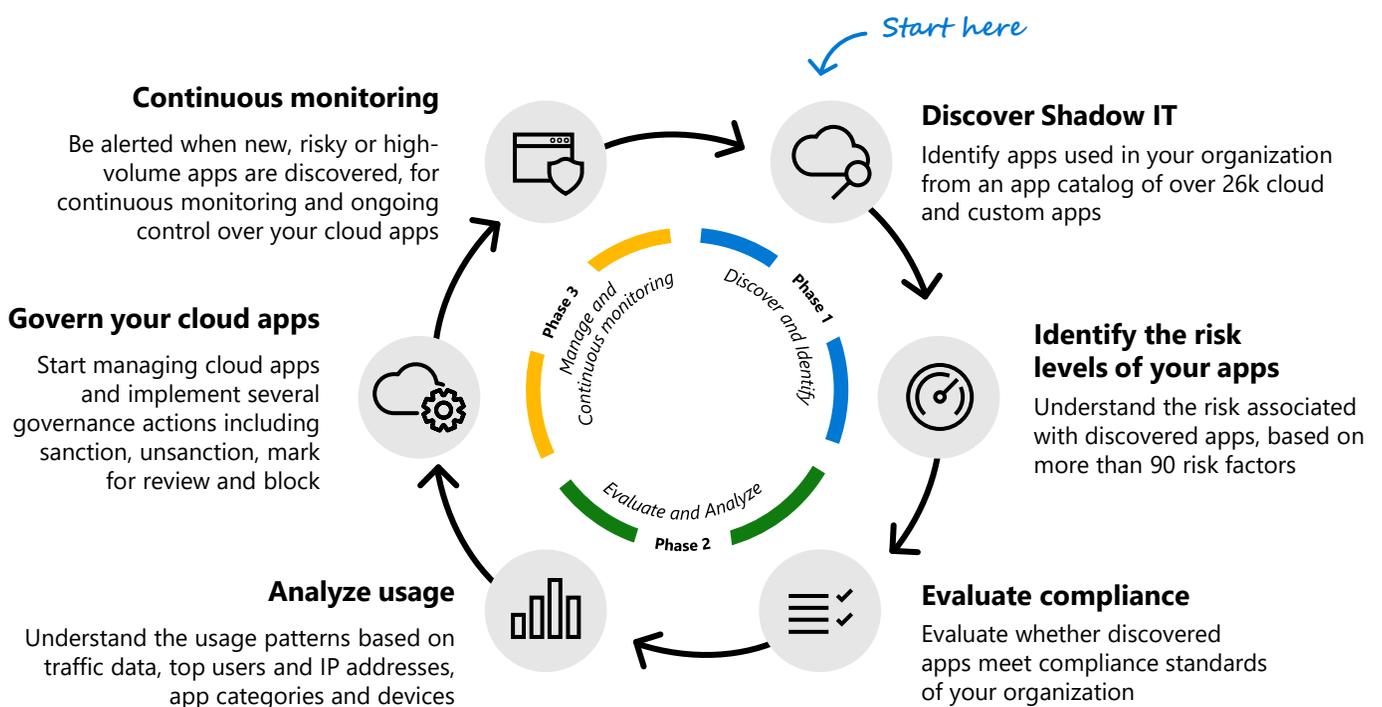
## Why Microsoft?



Shadow IT Discovery identifies cloud apps, provides risk assessments, usage analytics and app lifecycle management and control capabilities. Over 8 trillion signals evaluated daily makes our Shadow IT Discovery best in class.

## Lifecycle management for a secure adoption of cloud apps

Enabling seamless discovery in Microsoft Defender for Cloud Apps is the first step in creating a lifecycle management approach. Leverage the breadth of capabilities to ensure your organization securely accesses cloud apps and services.



<sup>1</sup>Gartner, Smarter With Gartner, Gartner's Top 10 Security Predictions 2016

# Streamlined discovery by integrating with Microsoft Defender for Endpoint Plan 2

Microsoft Defender for Cloud Apps uniquely integrates with Defender for Endpoint Plan 2 to enhance the discovery of shadow IT in your organization. It provides a simplified roll out of cloud discovery, extends the capabilities beyond your corporate network and enables device-based investigation. Admins have the ability to block access to unsanctioned apps using the same integration, enabling enforcement of view, copy/paste, and download/upload, based on the sensitivity of the data.

Defender for Cloud Apps leverages Defender for Endpoint to collect traffic information about the cloud apps and services being accessed from IT-managed Windows devices—covering client and browser-based apps. This seamless integration does not require any additional deployment and gives admins a more complete view of the cloud apps and services usage in their organization.

## How it works



Defender for Endpoint Plan 2 is an integrated part of Microsoft Windows. To leverage the existing sensors and send traffic information to Defender for Cloud Apps, you need to enable this integration via a simple toggle in the Microsoft Defender Security Center. Once activated, Defender for Endpoint continuously logs resource usage and reports it back to Defender for Cloud Apps, with signals shared via Microsoft Graph.

Defender for Cloud Apps will then leverage the traffic information from Defender for Endpoint's log store to surface all relevant details in the discovery dashboard and provide relevant insights for discovered apps, users, IP addresses and a new, device-centric view.

Admins now have visibility into the cloud apps that are being accessed, on and off the corporate network. In addition, they will be able to see how many, and which devices are accessing each one of the apps that are discovered.

## Integration highlights



### Discovery beyond the corporate network

Discovery of cloud apps and services accessed from managed Microsoft Windows devices, any time and on any network. More than 30 supported data sources.



### Ease of deployment

All it takes is a simple checkbox in the Microsoft Defender Security Center to enable the new discovery integration. Native integration with third-party network appliances such as Zscaler or iboss.



### Device-based discovery

Analyze your findings on a device-basis to get granular insights into the apps accessed from specific devices.



### Deep dive investigation

Continue your investigation in the Microsoft Defender Security Center for more granularity and visibility into all the different behaviors on a suspicious device. Support for custom data sources.

## Get started with Microsoft Defender for Cloud Apps today

### Microsoft Defender for Cloud Apps

Defender for Cloud Apps is a Cloud Access Security Broker (CASB) that gives you visibility into your cloud apps and services, provides sophisticated analytics to identify and combat cyberthreats and enables you to protect your data and control how it travels.

[aka.ms/defender-for-cloud-apps](https://aka.ms/defender-for-cloud-apps)

### Microsoft Defender for Endpoint Plan 2

Defender for Endpoint is a unified endpoint security platform for protection, detection, investigation and response. Defender for Endpoint protects endpoints from cyberthreats; detects advanced attacks and data breaches, automates security incidents and improves security posture.

[aka.ms/MDEp2OpenTrial](https://aka.ms/MDEp2OpenTrial)