

NIC

2019

Artificial Edition

6-8 February





Securing OneDrive and its content



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Layers And Levels



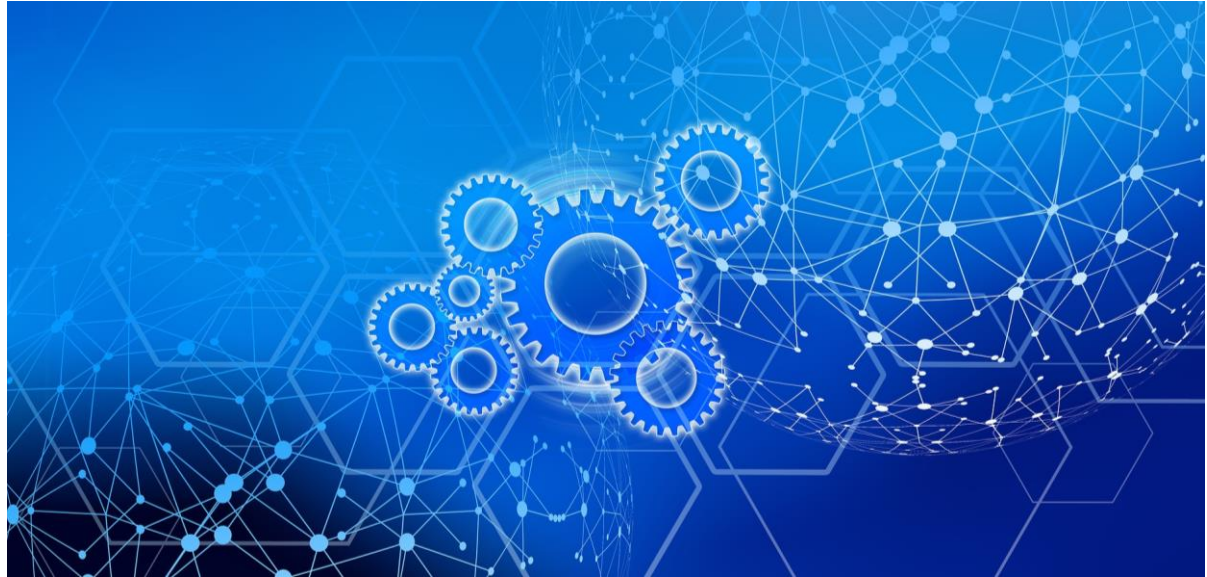
		Office 365	EMS E3	EMS E5
Layers		Basic	Extended	Advanced
	Information	<ul style="list-style-type: none"> Controlled Access 	<ul style="list-style-type: none"> Manuel Protection & labelling Monitoring 	<ul style="list-style-type: none"> Automatic Protection & labelling
	Devices	<ul style="list-style-type: none"> Enrolled Basic MDM 	<ul style="list-style-type: none"> Encryption Monitoring MDM 	<ul style="list-style-type: none"> Monitoring with automated responses
	Identity	<ul style="list-style-type: none"> Cloud presence Passwords 	<ul style="list-style-type: none"> MFA Conditional Access Monitoring 	<ul style="list-style-type: none"> Monitoring with automated responses Automation
		Levels		

Layers

Microsoft 365 E3			Microsoft 365 E5
	Basic	Extended	Advanced
Information	<ul style="list-style-type: none">Controlled Access	<ul style="list-style-type: none">Manuel Protection & labellingMonitoring	<ul style="list-style-type: none">Automatic Protection & labelling
Devices	<ul style="list-style-type: none">EnrolledBasic MDM	<ul style="list-style-type: none">EncryptionMonitoringMDM	<ul style="list-style-type: none">Monitoring with automated responses
Identity	<ul style="list-style-type: none">Cloud presencePasswords	<ul style="list-style-type: none">MFAConditional AccessMonitoring	<ul style="list-style-type: none">Monitoring with automated responsesAutomation
Levels			

Microsoft's Side

- Physical Security
- Bitlocker
- File Encryption
- In Transit Encryption
- Lockbox
- BYOK

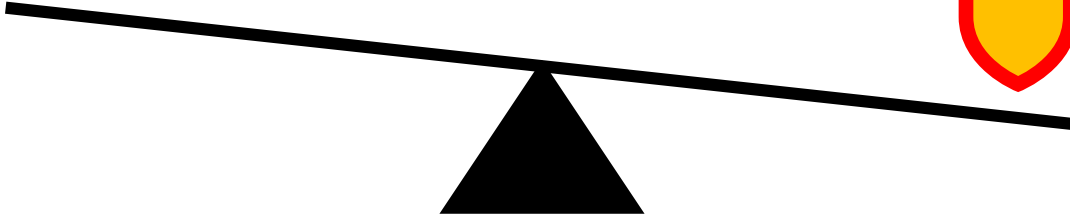


Security, usability, and data sensitivity

Usability



Security



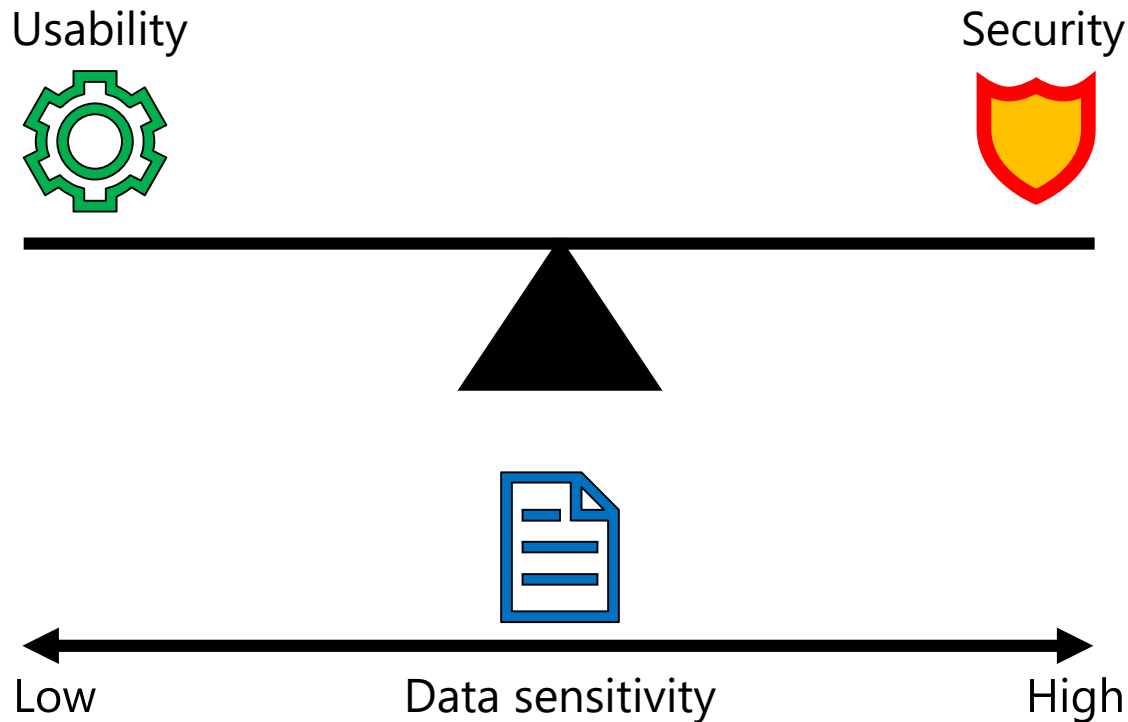
Low

Data sensitivity

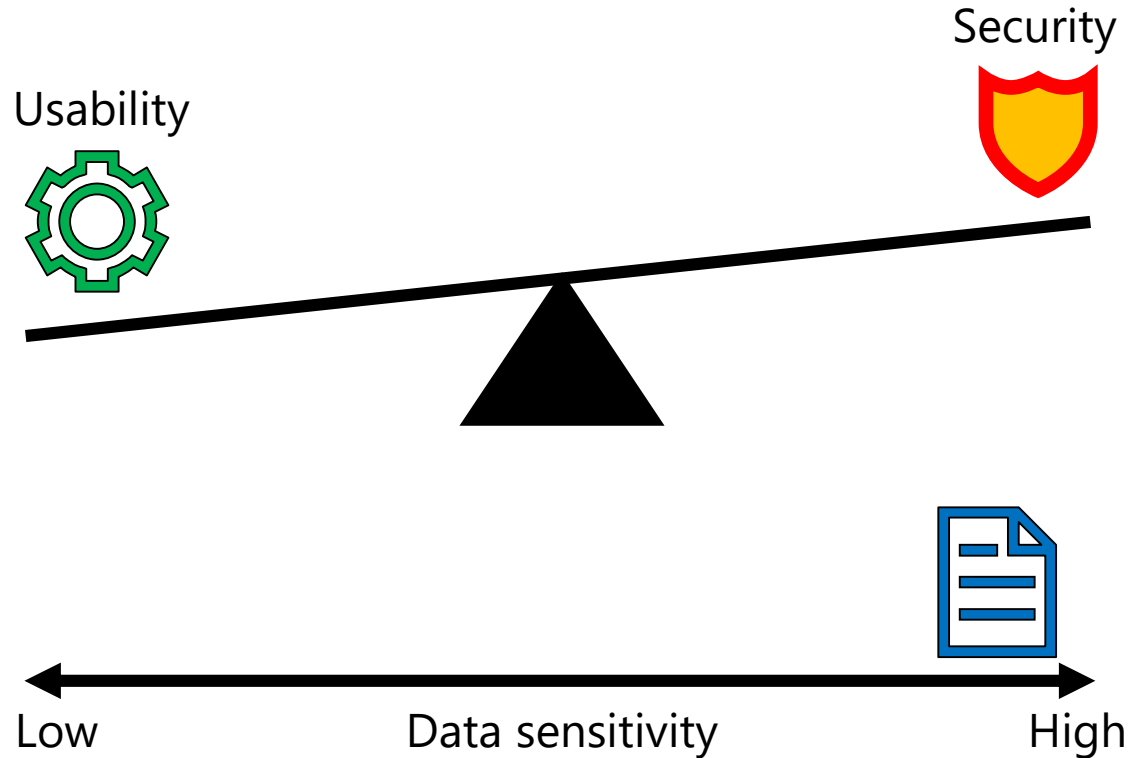
High

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Security, usability, and data sensitivity



Security, usability, and data sensitivity

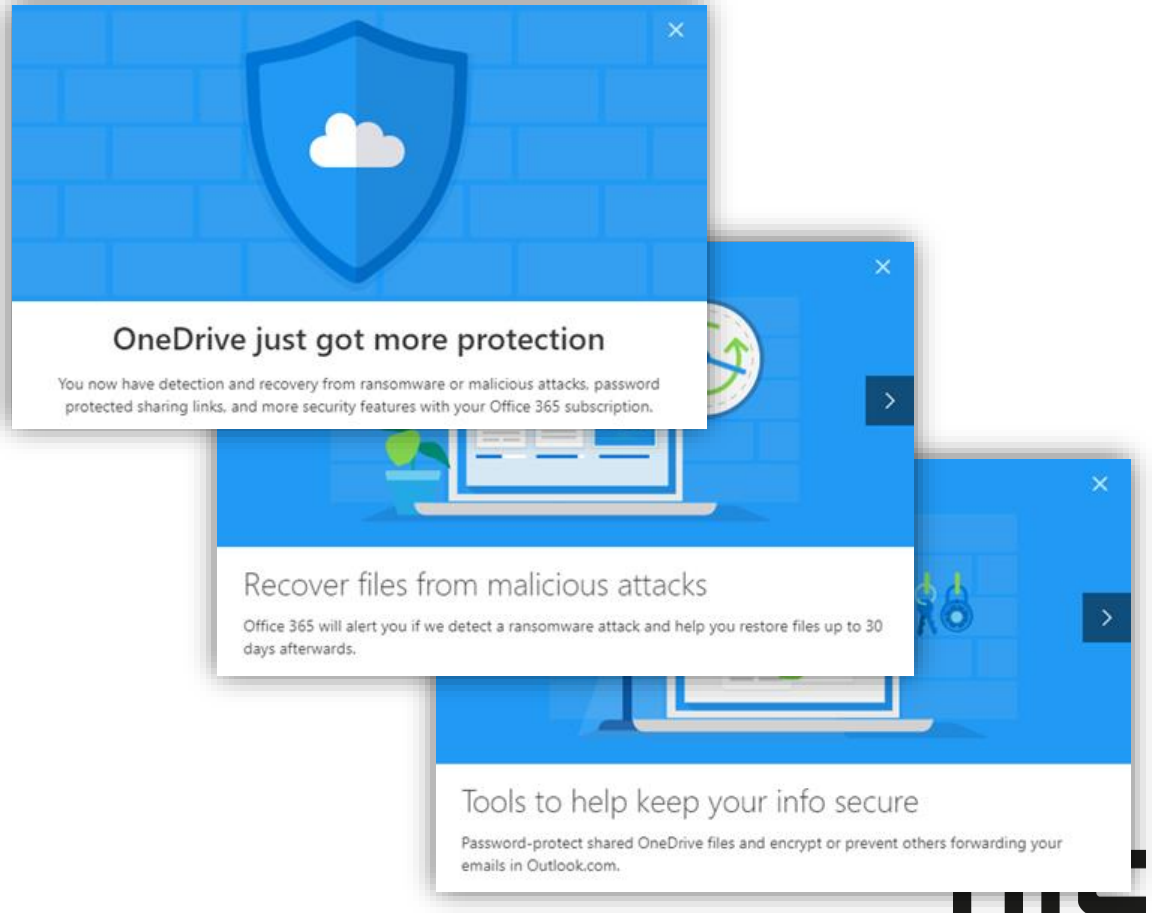


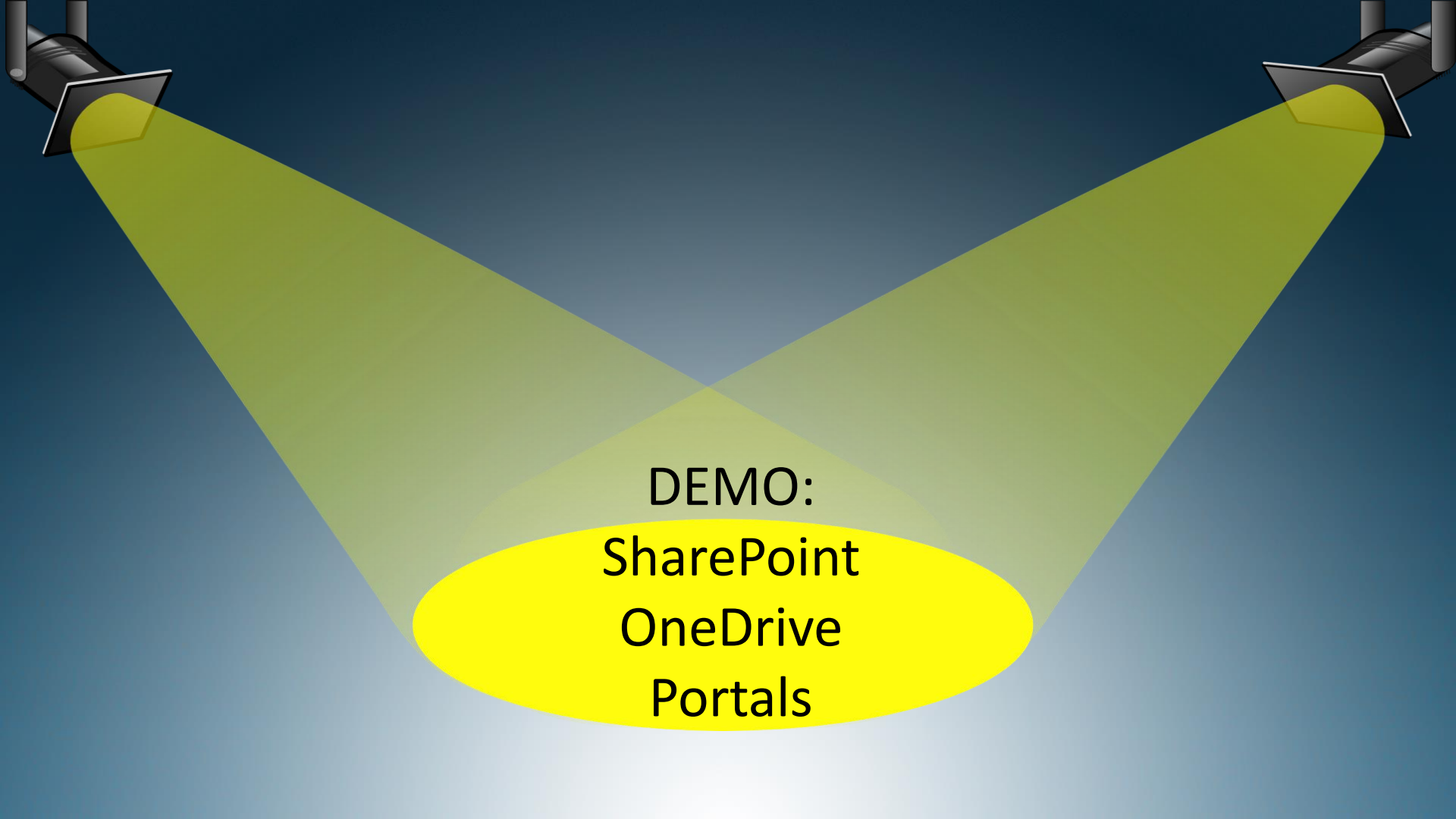
Built-In Features



- OneDrive
 - Admin portal
 - Self-defense
- Office 365
 - IRM
 - DLP
 - Etc.

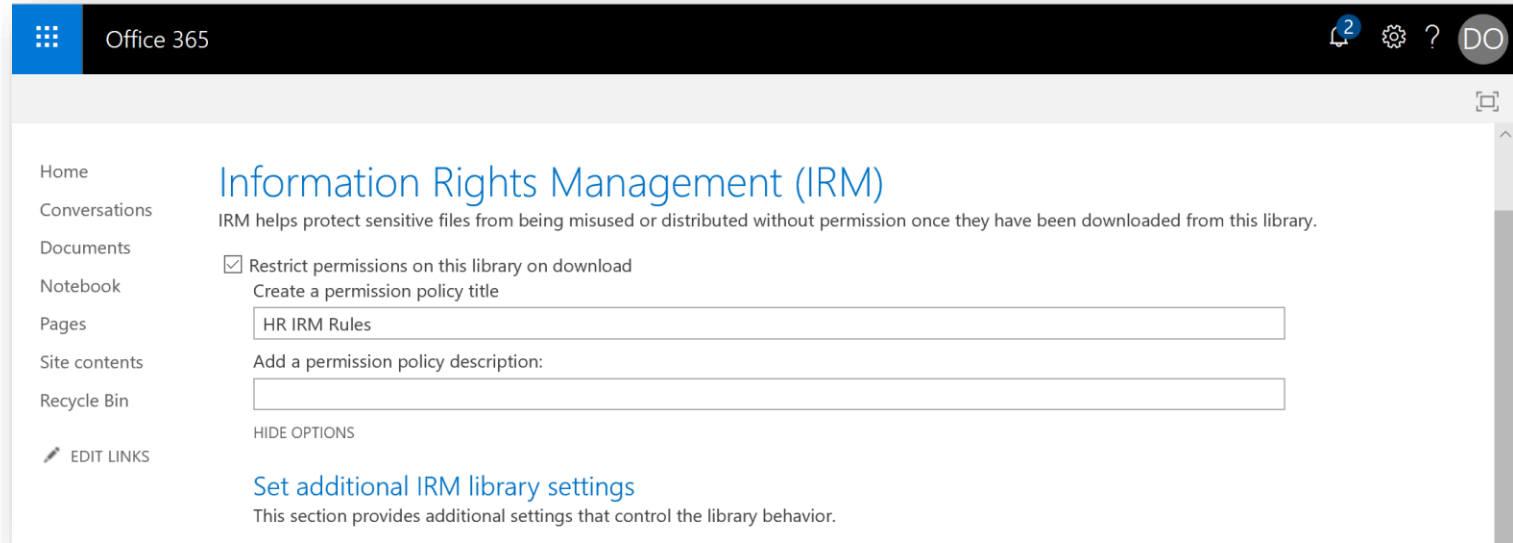
OneDrive Self Defense





DEMO:
SharePoint
OneDrive
Portals

SharePoint Built-In



The screenshot shows the SharePoint interface for configuring Information Rights Management (IRM). The top navigation bar includes the Office 365 logo and user profile. The left sidebar lists standard SharePoint navigation items. The main content area is titled 'Information Rights Management (IRM)' and explains its purpose. A checkbox is checked to restrict permissions on download. Below this, there is a text box for the permission policy title, which contains 'HR IRM Rules', and another text box for a description. A 'HIDE OPTIONS' link is present, followed by a link to 'Set additional IRM library settings'.

Office 365

Home
Conversations
Documents
Notebook
Pages
Site contents
Recycle Bin
EDIT LINKS

Information Rights Management (IRM)

IRM helps protect sensitive files from being misused or distributed without permission once they have been downloaded from this library.

☒ Restrict permissions on this library on download

Create a permission policy title

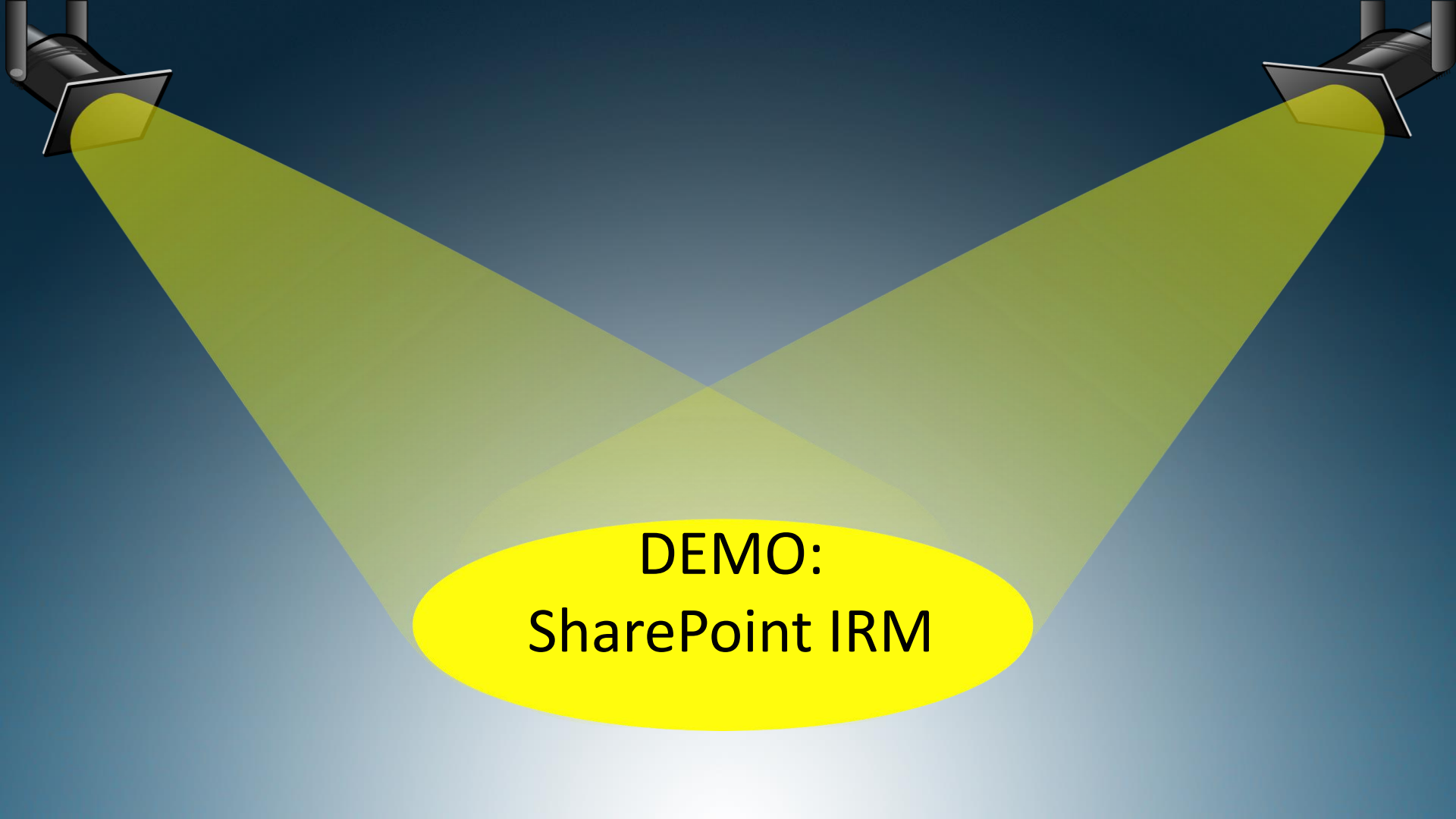
HR IRM Rules

Add a permission policy description:

HIDE OPTIONS

[Set additional IRM library settings](#)

This section provides additional settings that control the library behavior.



DEMO:
SharePoint IRM

EM+S E3 related features

- Intune
 - Device Access Protection
 - Multi Factor Authentication
 - Conditional Access
- Azure Information Protection

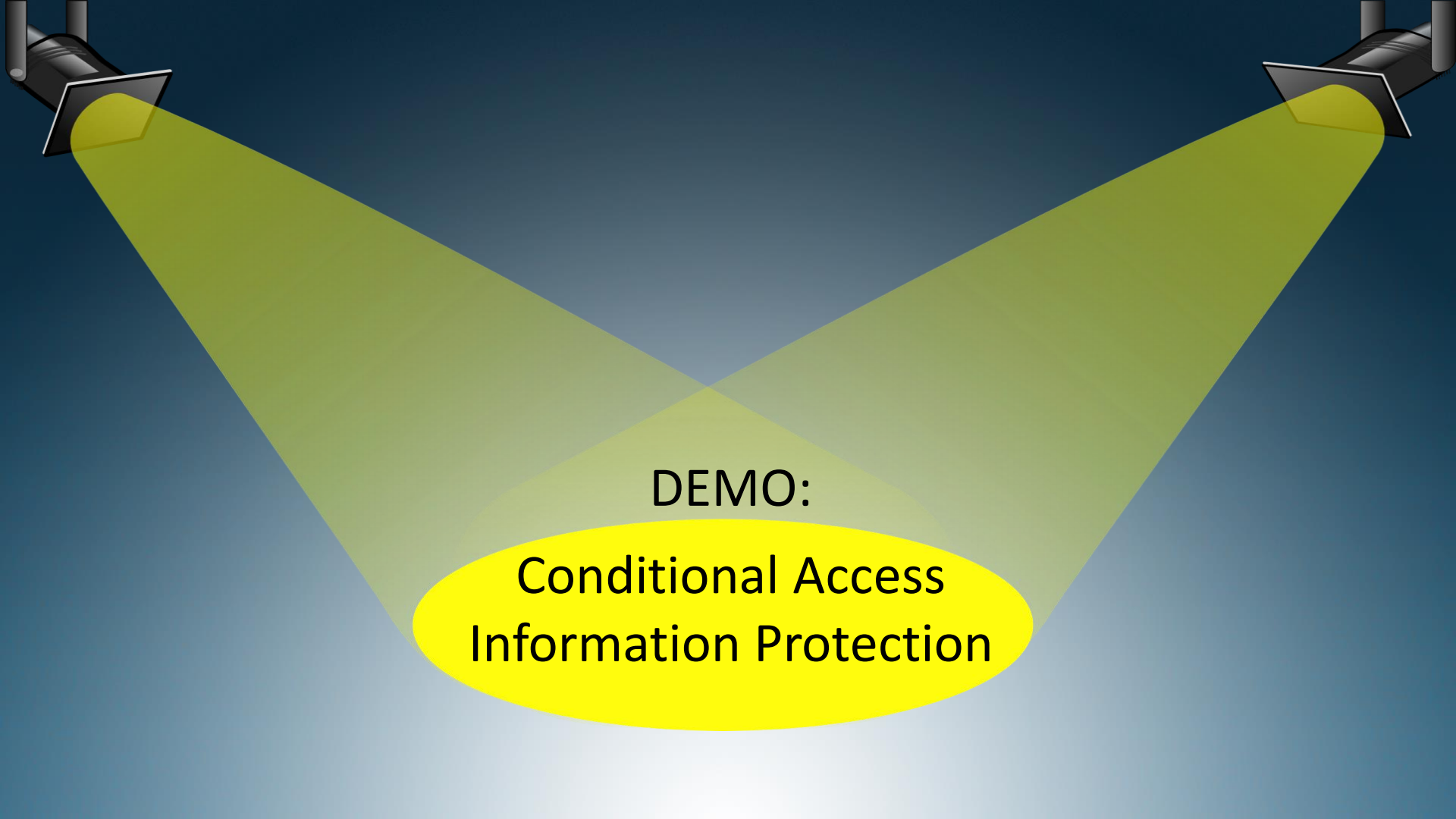




**The ultimate
information protection
is when
the information protect itself**



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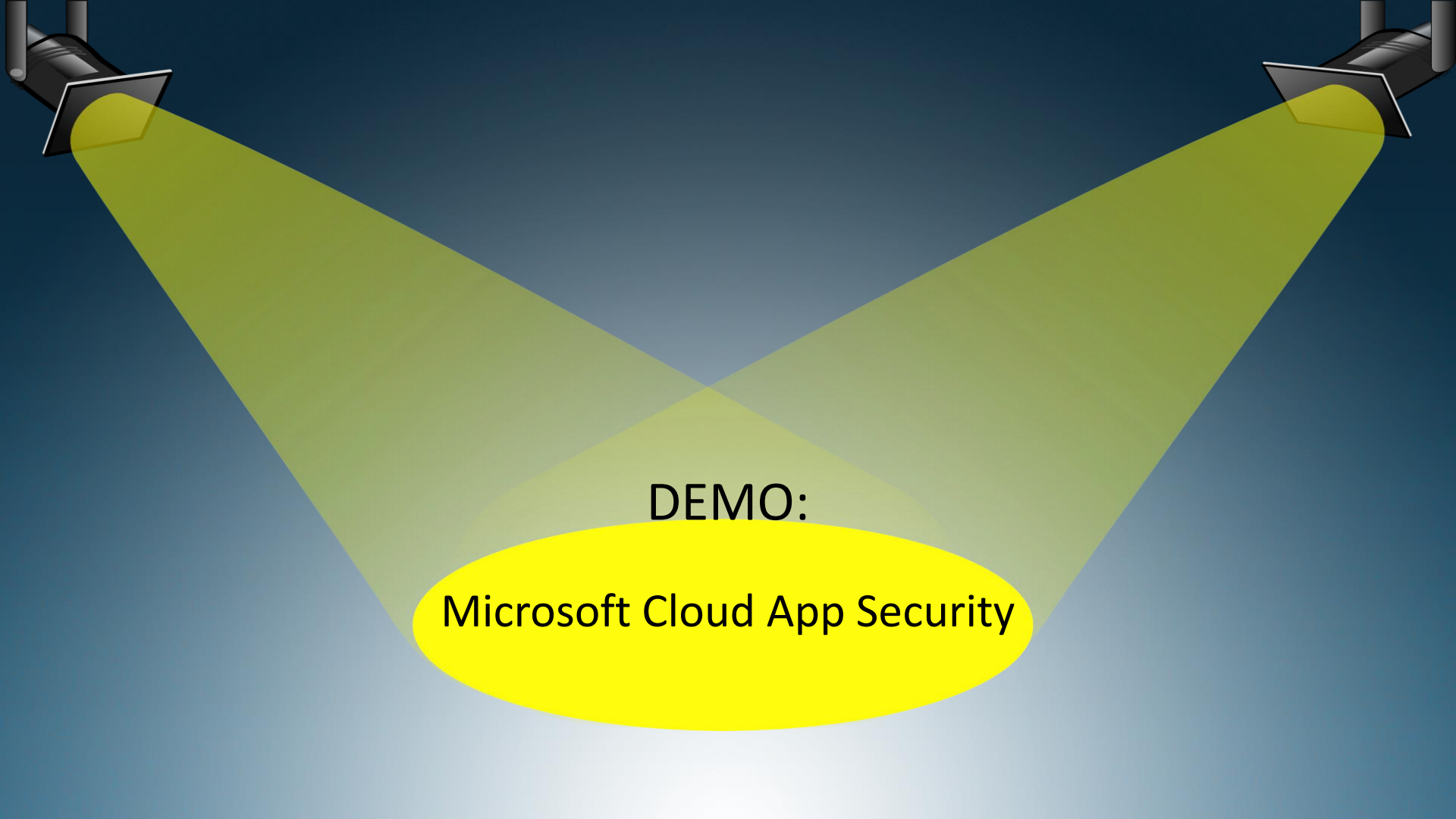
DEMO:

Conditional Access
Information Protection

EM+S E5 related features

- AIP Automation
- Microsoft Cloud App security





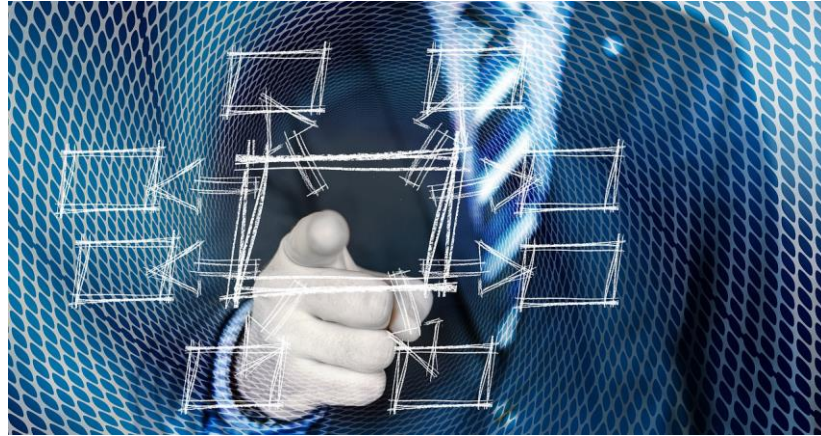
DEMO:

Microsoft Cloud App Security

5 Things we have learned along the way



#1



Know your information

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#2



Know your customers/users.

#3



Avoid frustrated users

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#4



Have a dedicated pilot group



#5



Training and user ***motivation***
is vital.

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**Knowledge
speaks, but
wisdom
listens**

Jimi Hendrix





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