Wiki Webinar

by inetum realdolmen

inetum realdolmen
Positive digital flow

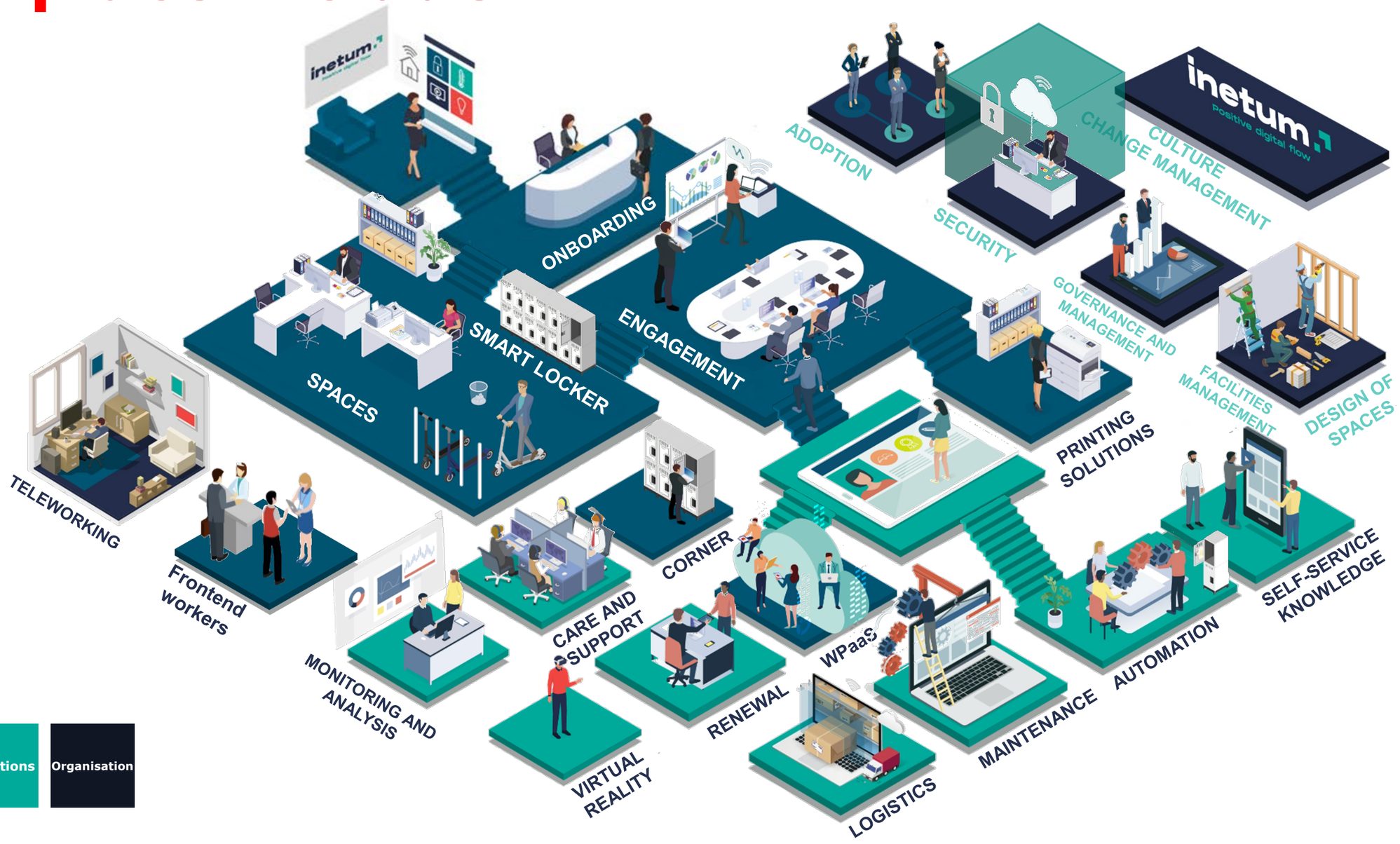
Microsoft Secure Score

Microsoft

Praktische afspraken

- Vragen via chat
- Iedereen op mute
- Q&A na de presentatie
- Evaluatie met link naar de slides worden na het event doorgestuurd

And… What does an Intelligent Workplace include?



User experience | Operations | Organisation

M365 Secure Score Webinar

Wie ben ik?

- Wim Van Clapdurp

- Werkzaam als Microsoft 365 security en modern workplace consultant.
- focus vooral op security via Microsoft Defender
- reeds 22 jaar in ICT sector

M365 Secure Score Webinar

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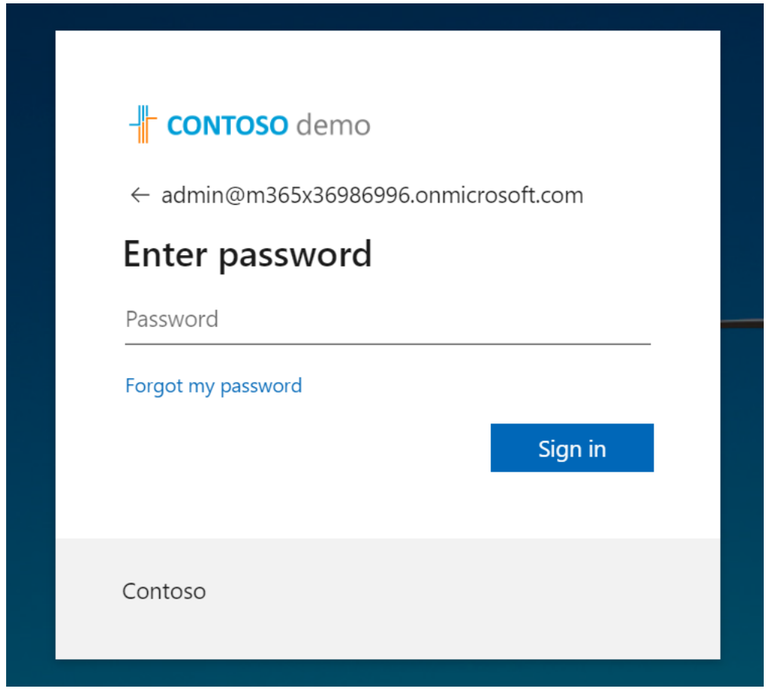
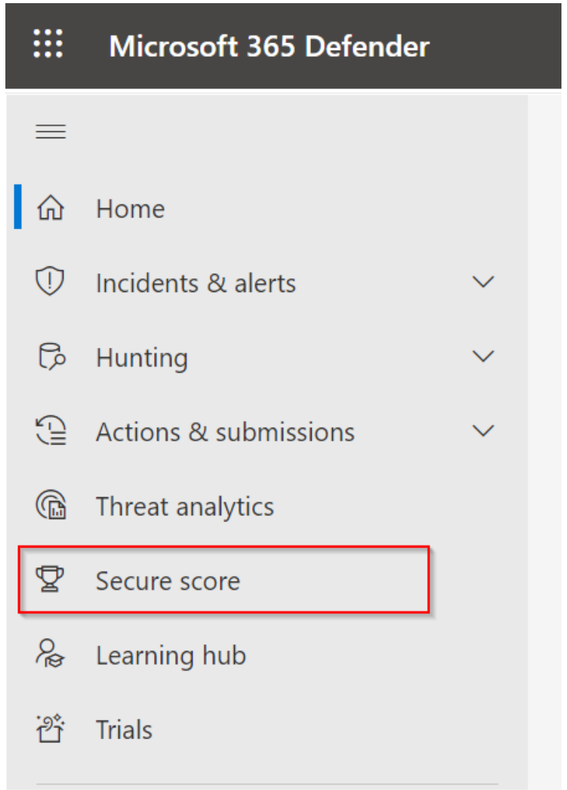
Wat is Secure Score?

- Centraal dashboard met aanbevelingen om je security level te verhogen
- Ga naar : https://security.microsoft.com/securescore

M365 Secure Score Webinar





M365 Secure Score Webinar

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Microsoft Secure Score

Overview | Recommended actions | History | Metrics & trends

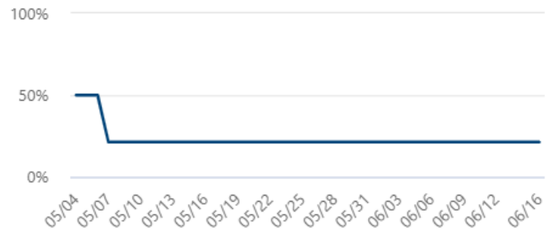
Microsoft Secure Score is a representation of your organization's security posture, and your opportunity to improve it.

Applied filters:

Your secure score — Include

Secure Score: 21.3%

14.06/66 points achieved



Breakdown points by: Category

Identity	16.18%
Apps	50%

Points achieved | Opportunity

Actions to review

Regressed	To address	Planned	Risk accepted	Recently added	Recently updated
0	12	0	0	0	0

Top recommended actions

Recommended action	Score impact	Status	Category
Require MFA for administrative roles	+15.15%	To address	Identity
Ensure all users can complete multi-factor authentication for secure ac...	+13.64%	To address	Identity
Enable policy to block legacy authentication	+12.12%	To address	Identity
Turn on user risk policy	+10.61%	To address	Identity
Turn on sign-in risk policy	+10.61%	To address	Identity
Do not allow users to grant consent to unmanaged applications	+6.06%	To address	Identity

M365 Secure Score Webinar

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Microsoft Secure Score

Overview | Recommended actions | History | Metrics & trends

Actions you can take to improve your Microsoft Secure Score. Score updates may take up to 24 hours.

Applied filters:

Export | 18 items | Search | Filter | Group by

Rank	Recommended action	Score impact	Points achieved	Status	Regressed	Have license?	Category	Product
1	Require MFA for administrative roles	+15.15%	0/10	To address	No	Yes	Identity	Azure Active Directory
2	Ensure all users can complete multi-factor authentication for ...	+13.64%	0/9	To address	No	Yes	Identity	Azure Active Directory
3	Enable policy to block legacy authentication	+12.12%	0/8	To address	No	Yes	Identity	Azure Active Directory
4	Turn on user risk policy	+10.61%	0/7	To address	No	Yes	Identity	Azure Active Directory
5	Turn on sign-in risk policy	+10.61%	0/7	To address	No	Yes	Identity	Azure Active Directory
6	Do not allow users to grant consent to unmanaged applicatio...	+6.06%	0/4	To address	No	Yes	Identity	Azure Active Directory
7	Configure which users are allowed to present in Teams meeti...	+3.03%	0/2	To address	No	Yes	Apps	Microsoft Teams
8	Only invited users should be automatically admitted to Team...	+3.03%	1/2	To address	No	Yes	Apps	Microsoft Teams
9	Turn on customer lockbox feature	+1.52%	0/1	To address	No	Yes	Apps	Exchange Online

M365 Secure Score Webinar

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Require MFA for administrative roles

○ To address

Edit status & action plan Manage tags

General | Implementation | History (1)

Description

Requiring multi-factor authentication (MFA) for all administrative roles makes it harder for attackers to access accounts. Administrative roles have higher permissions than typical users. If any of those accounts are compromised, critical devices and data is open to attack.

Implementation status

You have 0 out of 7 users with administrative roles registered and protected with MFA.

User impact

First, users with administrative roles need to register for MFA. After each admin is registered, your policies then determine when they're prompted for the additional authentication factors.

Users affected
All of your Microsoft 365 users with administrator roles

Manage in Microsoft Azure Share

Details

Points achieved 0/10

History
1 events

Category
Identity

Product
Azure Active Directory

Protects against
Password Cracking, Account Breach, Elevation of Privilege

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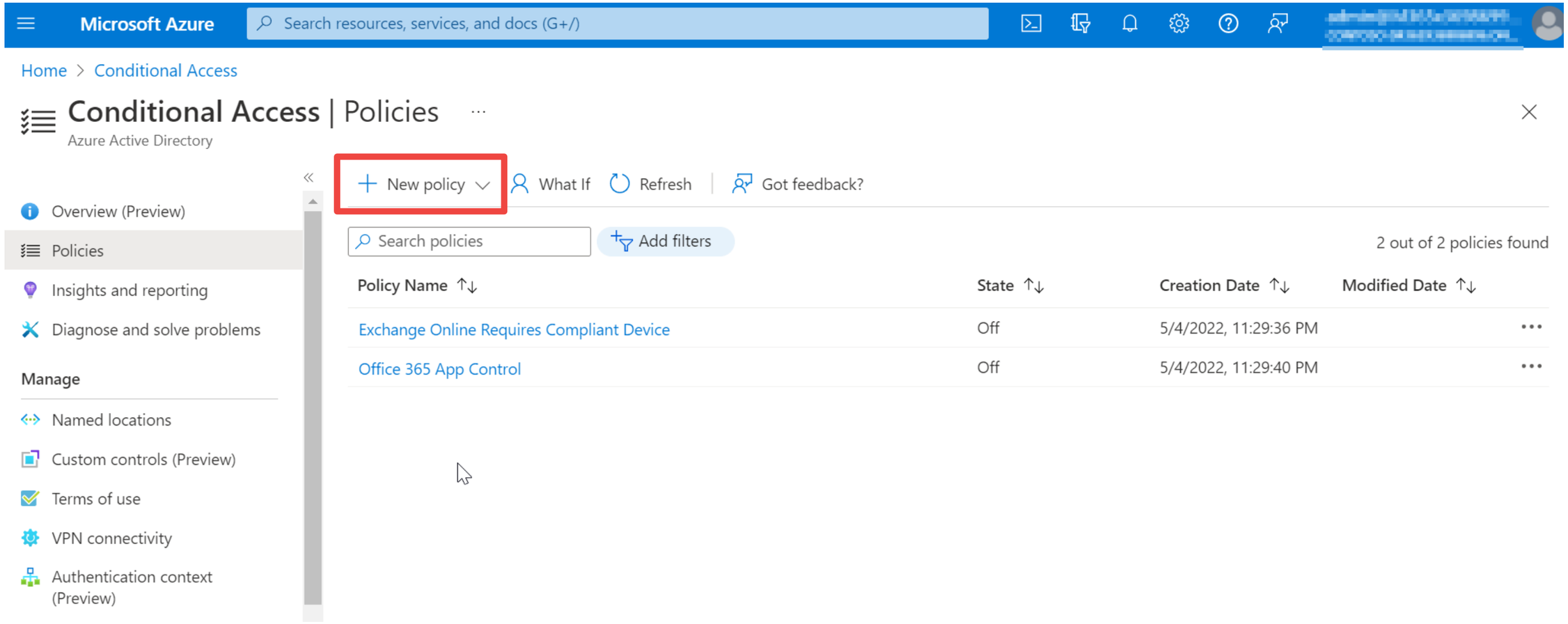
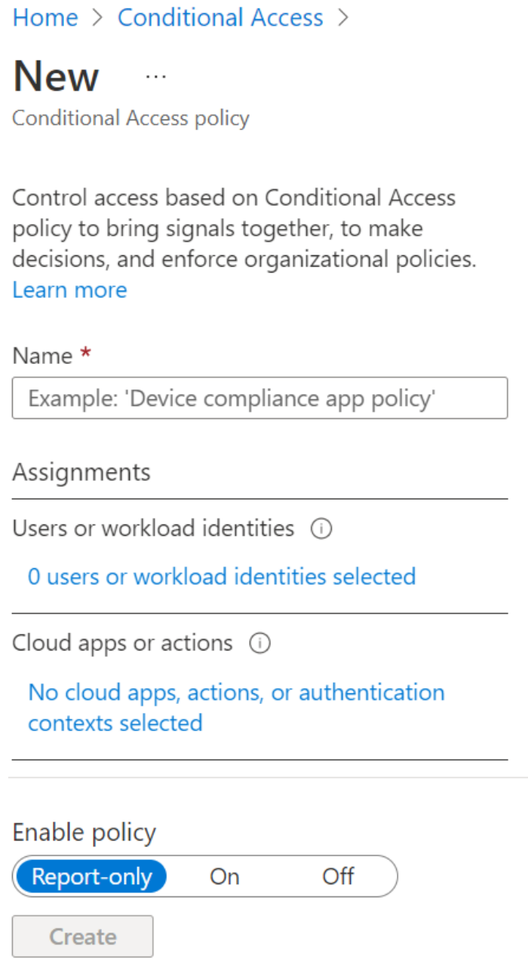
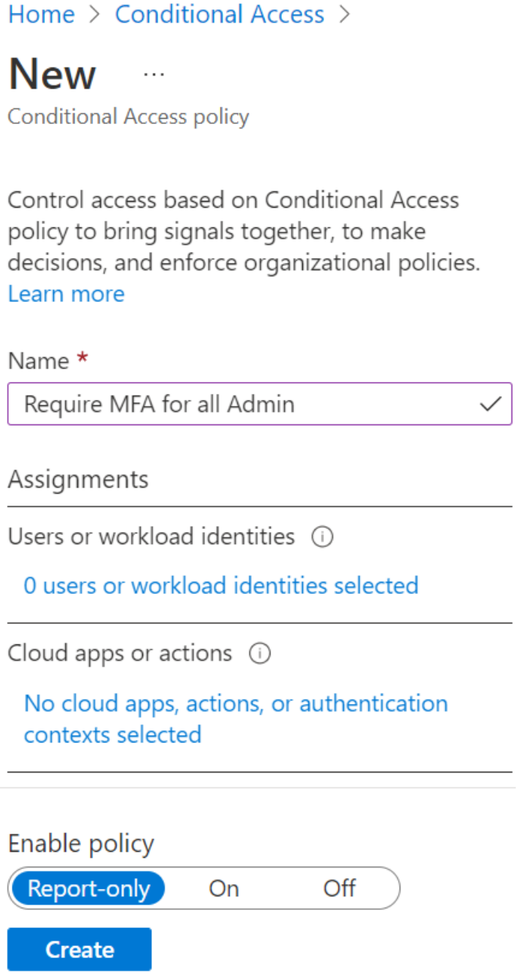
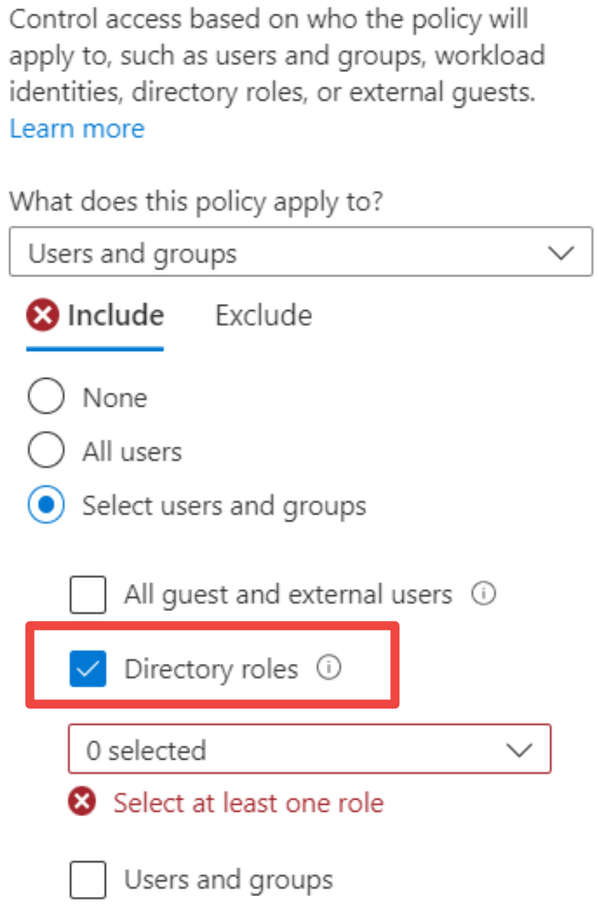


M365 Secure Score Webinar







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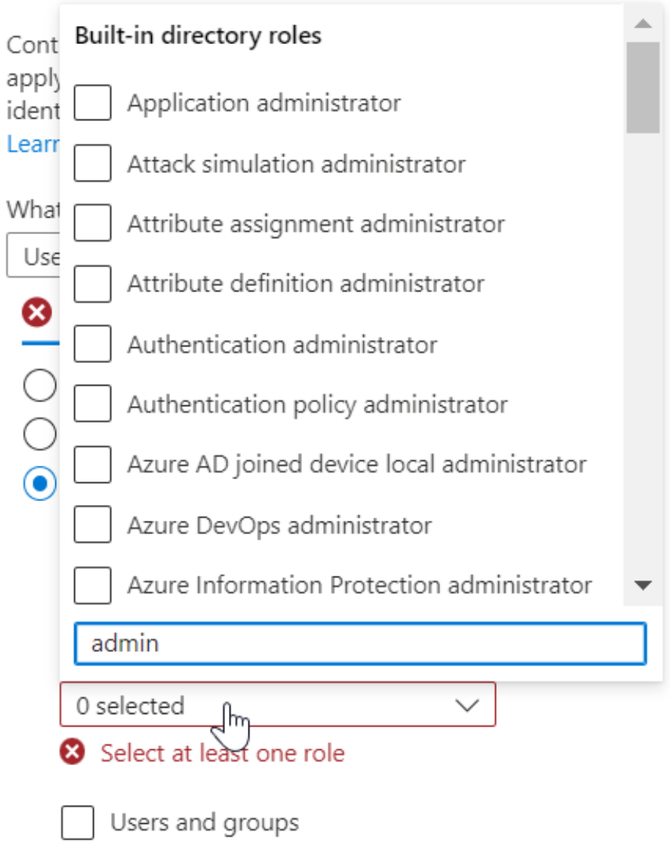

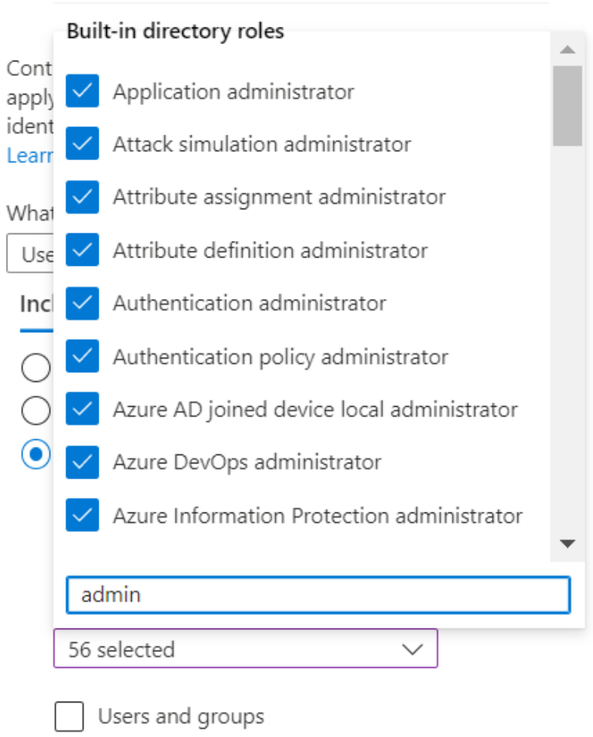

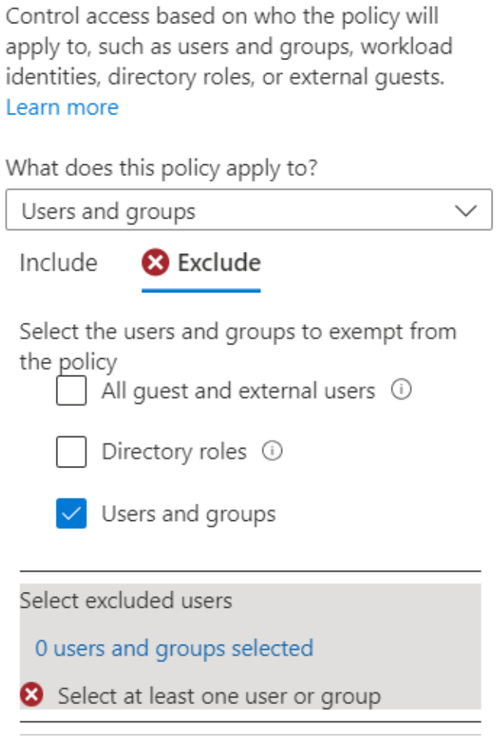

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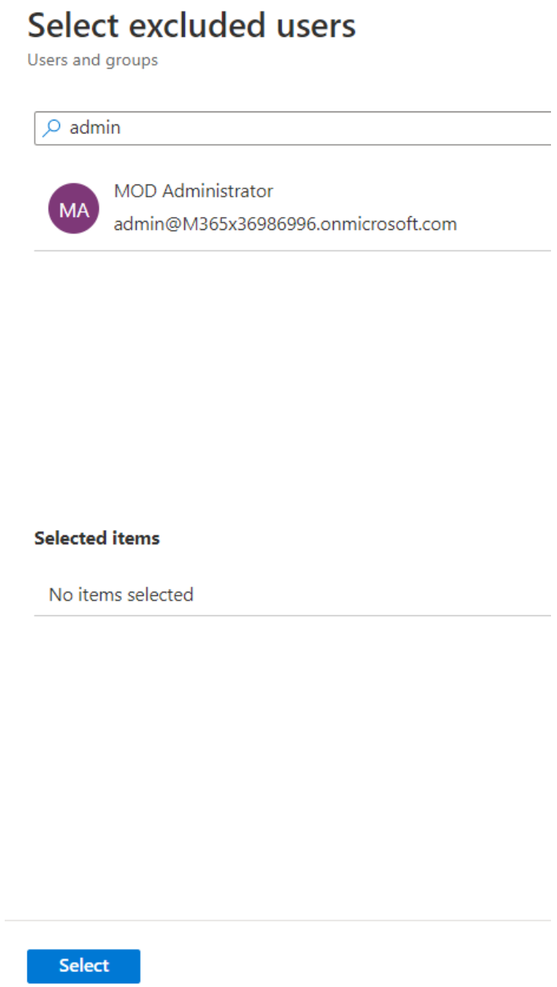

Dit is enkel nodig voor een breakglass account.

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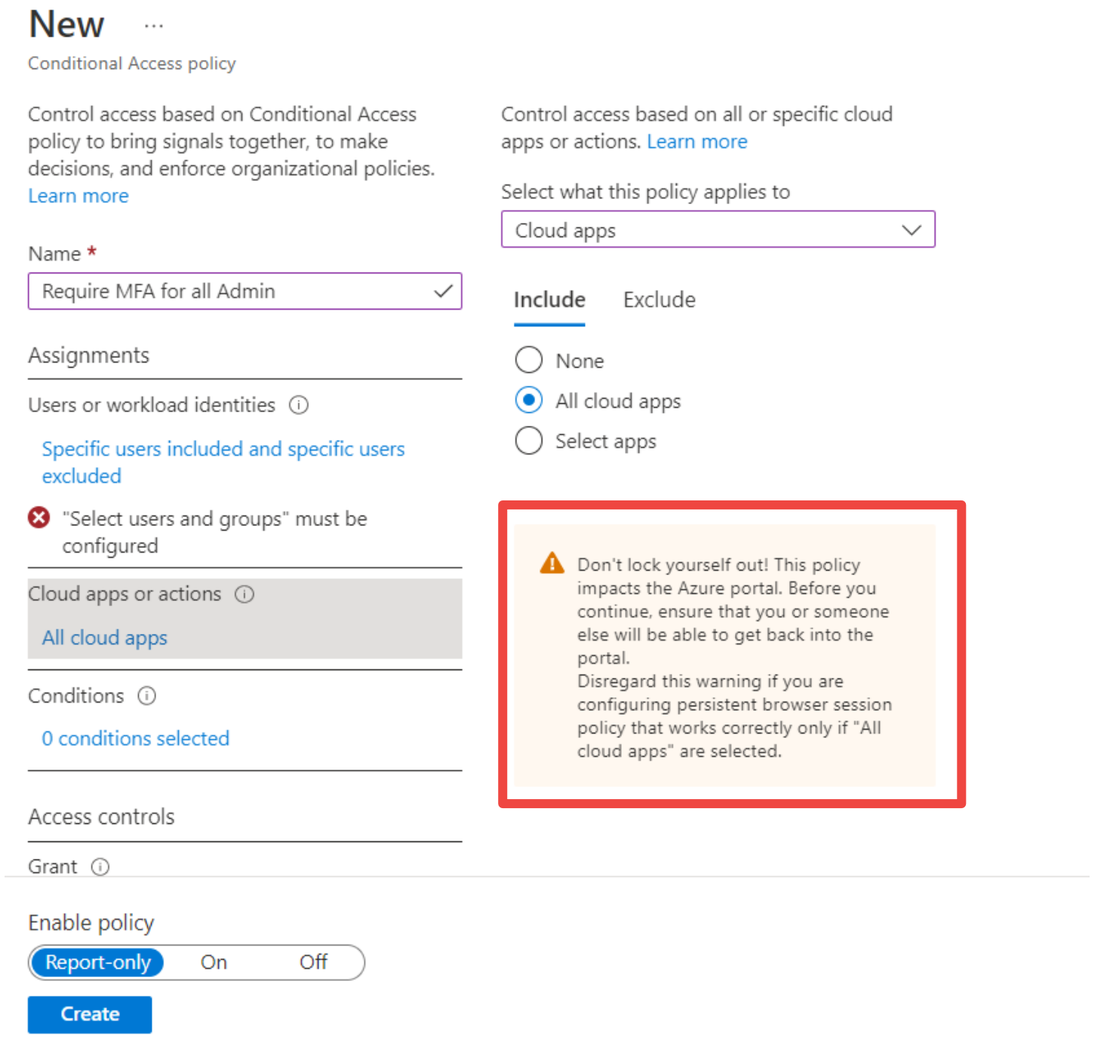

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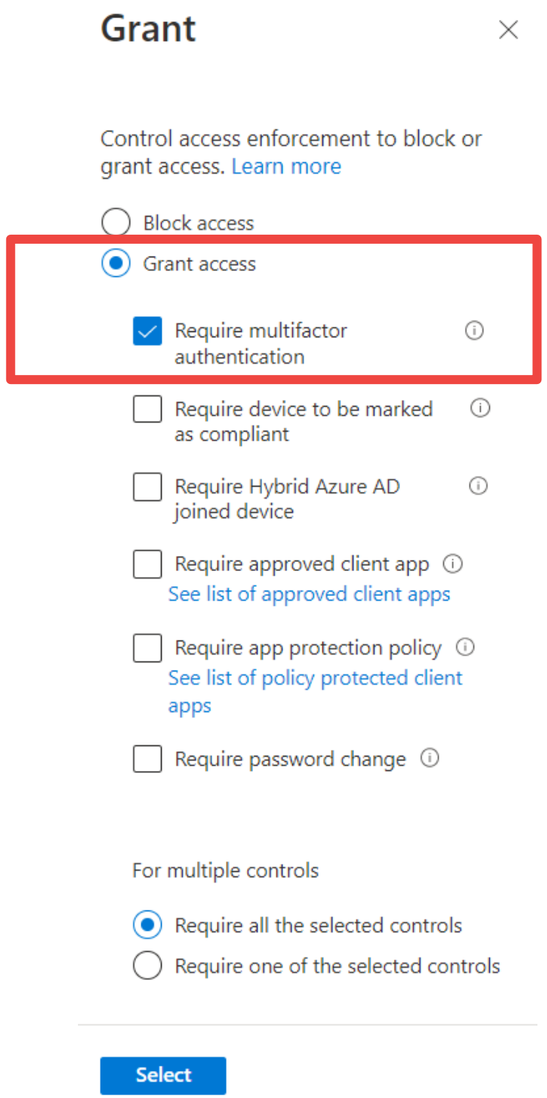

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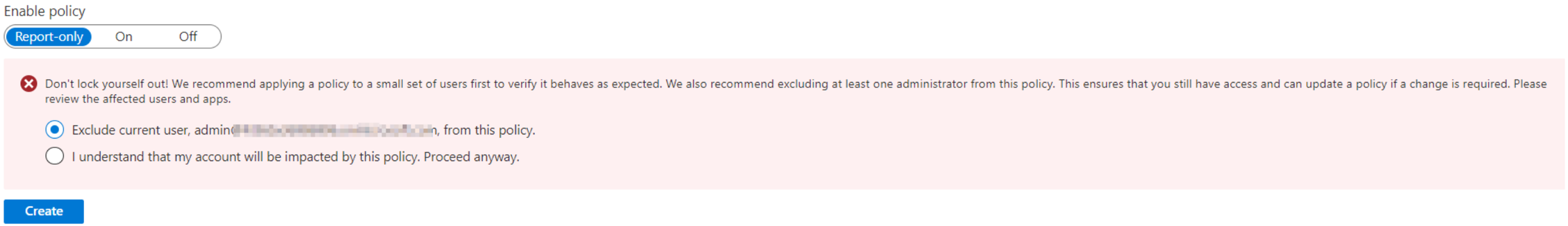

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Policy Name	State	Creation Date	Modified Date	
Exchange Online Requires Compliant Device	Off	5/4/2022, 11:29:36 PM		•••
Office 365 App Control	Off	5/4/2022, 11:29:40 PM		•••
Require MFA for all Admin	Report-only			•••

M365 Secure Score Webinar

Require MFA for administrative roles

General | Implementation | History (1)

Prerequisites
✓ You have Azure Active Directory Premium P2.

Next steps
If you are using **Azure Active Directory Free** versions with Office 365 or other SAAS/Web applications integrated with Azure Active Directory, then we suggest you enable "security defaults"

"Security defaults" achieves multiple objectives:

1. Requiring all users to register for Azure AD Multi-Factor Authentication.
2. Requiring administrators to do multi-factor authentication.
3. Blocking legacy authentication protocols.
4. Requiring users to do multi-factor authentication when necessary.
5. Protecting privileged activities like access to the Azure portal.

Learn more about how to turn on security defaults.

If you have invested in **Azure Active Directory Premium P1 or P2** licenses individually or as a part of another license like:

- Microsoft 365 E3/E5
- Enterprise Mobility + Security (EMS) E3/E5
- Microsoft 365 Business Premium

You can enable Conditional Access policies to enable custom policy enforcement for selected users or applications, under specific conditions

NOTE: Security defaults and Conditional Access cannot be used side by side.

Manage in Microsoft Azure | Share

M365 Secure Score Webinar

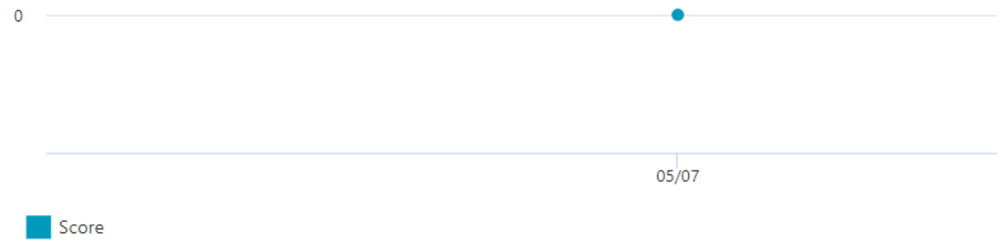
Require MFA for administrative roles

Edit status & action plan Manage tags

General Implementation **History (1)**

View changes to this recommended action. "Require MFA for administrative roles".

Point changes over time



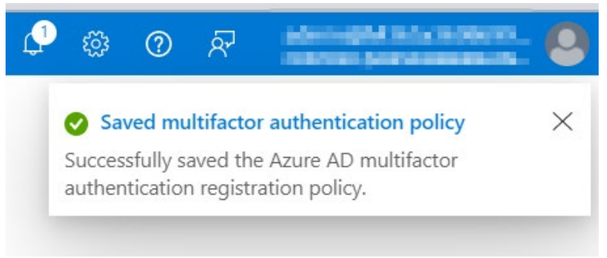
Activity

05/07 This action has become relevant (score -0 points)

Manage in Microsoft Azure Share

Implementation status

You have 0 out of 35 users registered and protected with MFA.



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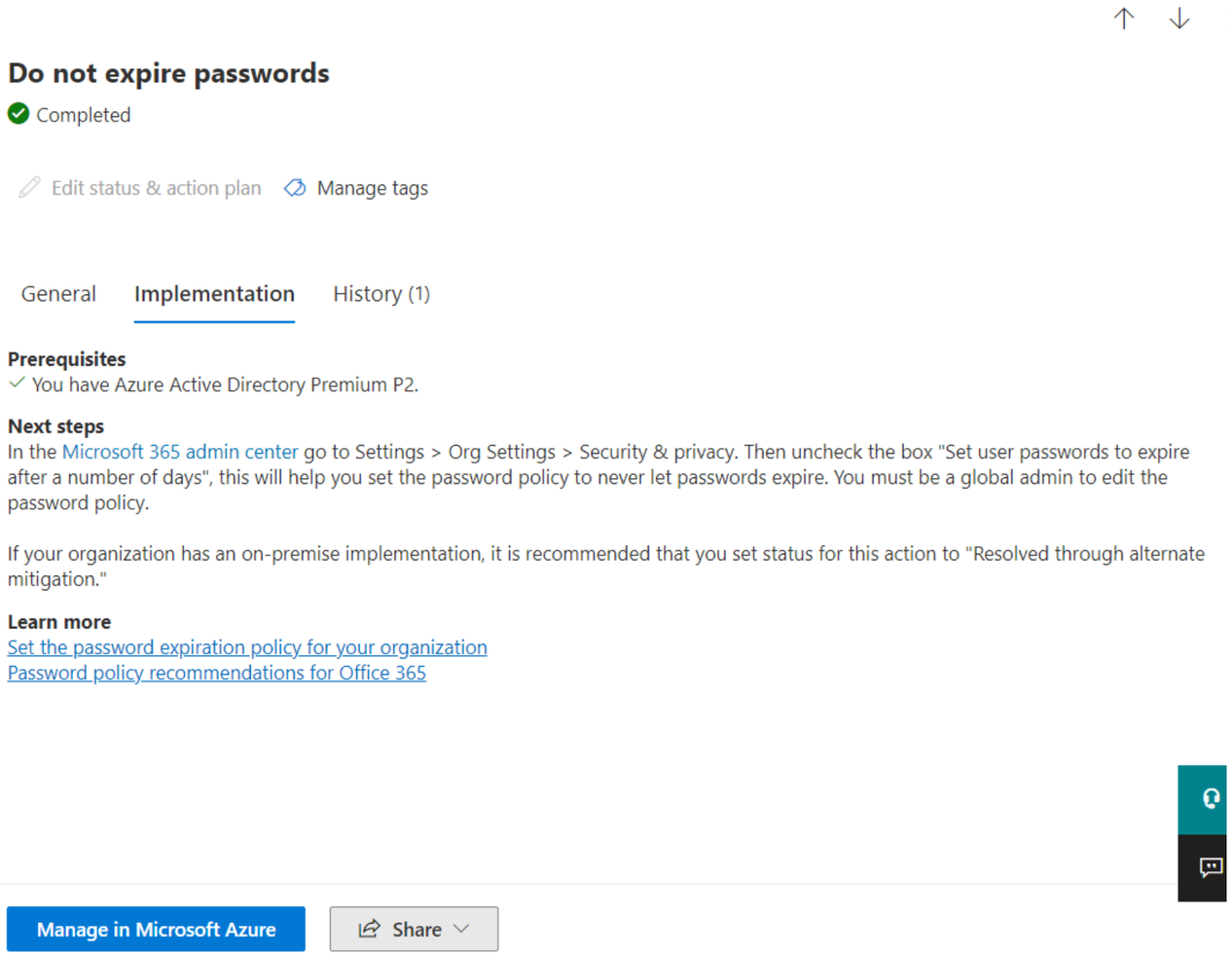
☑	13	Do not expire passwords	+12.12%	8/8	Completed	No	Yes	Identity	Azure Active Directory
☐	14	Remove TLS 1.0/1.1 and 3DES dependencies	+1.52%	1/1	Completed	No	Yes	Apps	Exchange Online
☐	15	Designate more than one global admin	+1.52%	1/1	Completed	No	Yes	Identity	Azure Active Directory
☐	16	Restrict dial-in users from bypassing a meeting lobby	+1.52%	1/1	Completed	No	Yes	Apps	Microsoft Teams
☐	17	Limit external participants from having control in a Teams me...	+1.52%	1/1	Completed	No	Yes	Apps	Microsoft Teams
☐	18	Restrict anonymous users from starting Teams meetings	+1.52%	1/1	Completed	No	Yes	Apps	Microsoft Teams

M365 Secure Score Webinar



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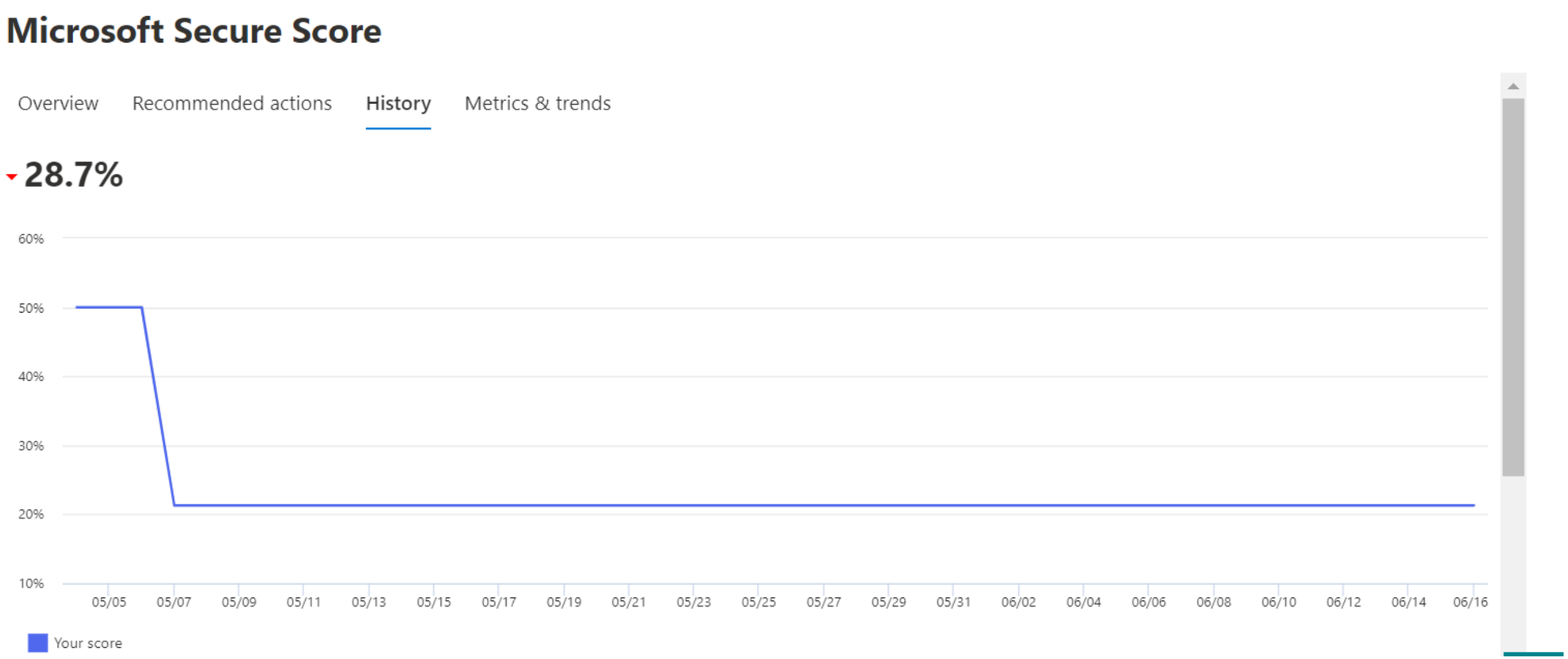


M365 Secure Score Webinar

Microsoft Secure Score

Your score

Applied filters:

Export | 13 items | Search | 90 days | Filter | Group by

Date/Time	Activity	Resulting points	Category	Attributed to
May 8, 2022 5:00 PM	0.00 points regressed for Enable self-service password reset because 33 more users are affected	0.06/1	Identity	System
May 7, 2022 5:00 PM	+1.00 points score change because Remove TLS 1.0/1.1 and 3DES dependencies has become r...	1/1	Apps	System
May 7, 2022 5:00 PM	+0.00 points score change because Use limited administrative roles has become relevant	0/1	Identity	System
May 7, 2022 5:00 PM	-0.00 points score change because Turn on user risk policy has become relevant	0/7	Identity	System
May 7, 2022 5:00 PM	+1.00 points score change because Designate more than one global admin has become relevant	1/1	Identity	System
May 7, 2022 5:00 PM	-0.00 points score change because Enable policy to block legacy authentication has become rel...	0/8	Identity	System
May 7, 2022 5:00 PM	-0.00 points score change because Ensure all users can complete multi-factor authentication fo...	0/9	Identity	System
May 7, 2022 5:00 PM	-0.00 points score change because Require MFA for administrative roles has become relevant	0/10	Identity	System
May 7, 2022 5:00 PM	+0.06 points score change because Enable self-service password reset has become relevant	0.06/1	Identity	System
May 7, 2022 5:00 PM	+8.00 points score change because Do not expire passwords has become relevant	8/8	Identity	System

M365 Secure Score Webinar

Products included in Secure Score

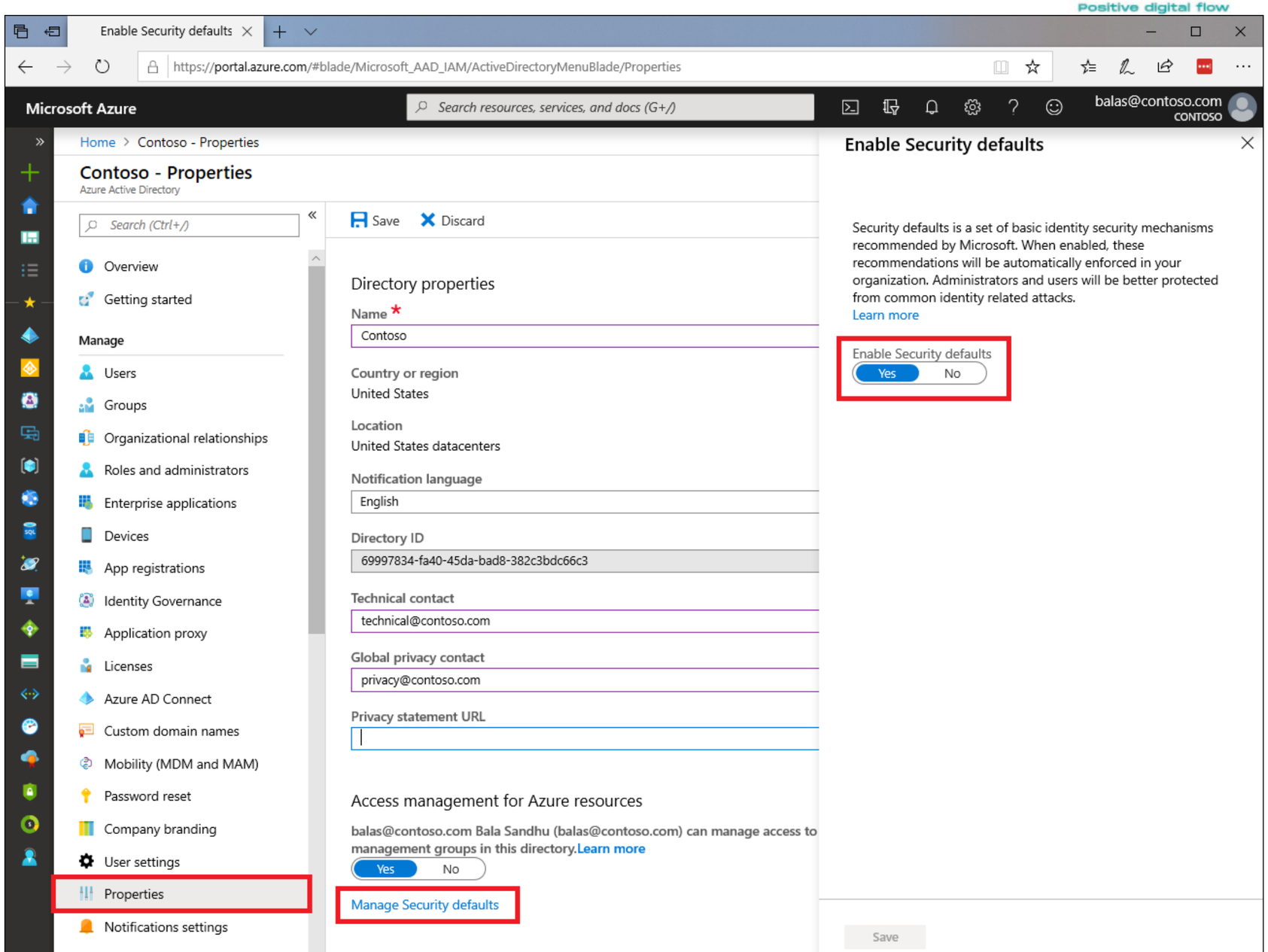
- Microsoft 365 (including Exchange Online)
- Azure Active Directory
- Microsoft Defender for Endpoint
- Microsoft Defender for Identity
- Defender for Cloud Apps
- Microsoft Teams

Security defaults

Microsoft Secure Score has updated improvement actions to support security defaults in Azure Active Directory, which make it easier to help protect your organization with pre-configured security settings for common attacks.
If you turn on security defaults, you'll be awarded full points for the following improvement actions:
•Ensure all users can complete multi-factor authentication for secure access (9 points)
•Require MFA for administrative roles (10 points)
•Enable policy to block legacy authentication (7 points)

M365 Secure Score Webinar

Disable Security Defaults?



M365 Secure Score Webinar

Wie kan aan dit portaal?

Read and write roles
With read and write access, you can make changes and directly interact with Secure Score. You can also assign read-only access to other users.
•Global administrator
•Security administrator
•Exchange administrator
•SharePoint administrator
Read-only roles
With read-only access, you aren't able to edit status or notes for an improvement action, edit score zones, or edit custom comparisons.
•Helpdesk administrator
•User administrator
•Service support administrator
•Security reader
•Security operator
•Global reader

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Weetjes:

Hoe vaak wordt de Secure score geüpdatet?

De score zal **1 maal per dag** aangepast worden (rond 1:00 AM PST dit is 10:00 AM onze tijd). Indien je aanpassingen maakt op een item dat ‘gemeten’ wordt zal de score automatisch aanpassen de volgende dag.
Het kan tot 48 uur duren eer de aanpassingen reflecteren in jouw score.

Hoe lang bestaat secure score al?

Secure score is reeds in 2017 uitgebracht

Hoe hoog scoor je maximaal?

Als je alle security recommendations volgt kom je uit op een secure score van ongeveer 67%
Je kan tot bvb 80% geraken.
Hiervoor zal wel gebruik moeten gemaakt worden van additionele settings of zal er een beleid nodig zijn.

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Live demo

Dit is een live demo op een demo tenant

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Next Steps

Microsoft 365 Security

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Now | 1-3 months | 3-6 months | Beyond

Identity

Security Priority Assessment

M365 Security Guidance – Prepare, Plan and Drive roadmap activities / Hands-on assistance and training

5 days/month | 3 days/month | 2 days/month

Features, Capabilities, and Licensing Workshop

Azure AD Premium P1 Features

- MFA
- Conditional Access
- External / Guest Access Policies
- Azure AD Password Protection
- Azure AD Password Writeback
- Block Legacy Auth. Monitor / Plan
- Self-Service Password Reset
- Block Legacy Auth. Implement

Defender For Indentity

- Identity Protection
- Risk-Based Conditional Access
- Privileged Identity Management
- Access Reviews
- Azure AD SSO

Device

Endpoint Manager Intune Features

Endpoint Manager Configuration Features

Device Security

- MAM for BYOD Outlook Mobile iOS / Android
- MAM for BYOD Teams, SharePoint, OneDrive
- MDM for Managed Devices iOS / Android

Device Compliance

- BYOD Compliance Policies
- Managed Device Compliance Policies

- Azure AD / Hybrid Join
- OS Deployment / Autopilot / White Glove
- Application Deployment
- PC Compliance Policies
- PC Configuration Policies
- PC Security Baselines

Threat

Defender for Office 365

- Anti-phishing
- Safe Attachments
- Anti-impersonation
- Safe Links

Defender for Endpoint

- Enhanced ASR
- Web content Filt.
- Tamper Protection
- Anti-phishing
- AIR
- Advanced Hunting
- PIM
- Endpoint detection & response

Defender for Cloud Apps

Compromised User Dection

Advanced Messesage Encryption

Data

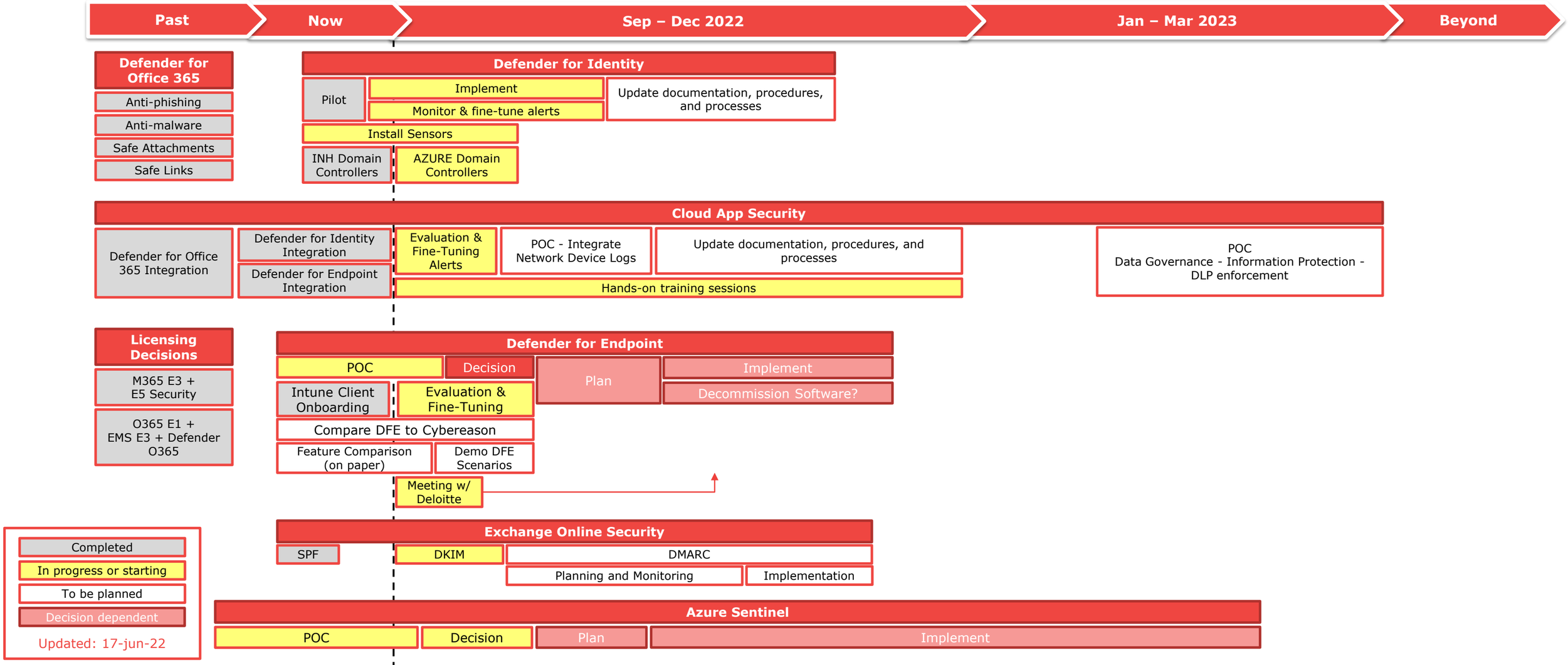
Compliance Workshop for DPOs

Azure Information Protection

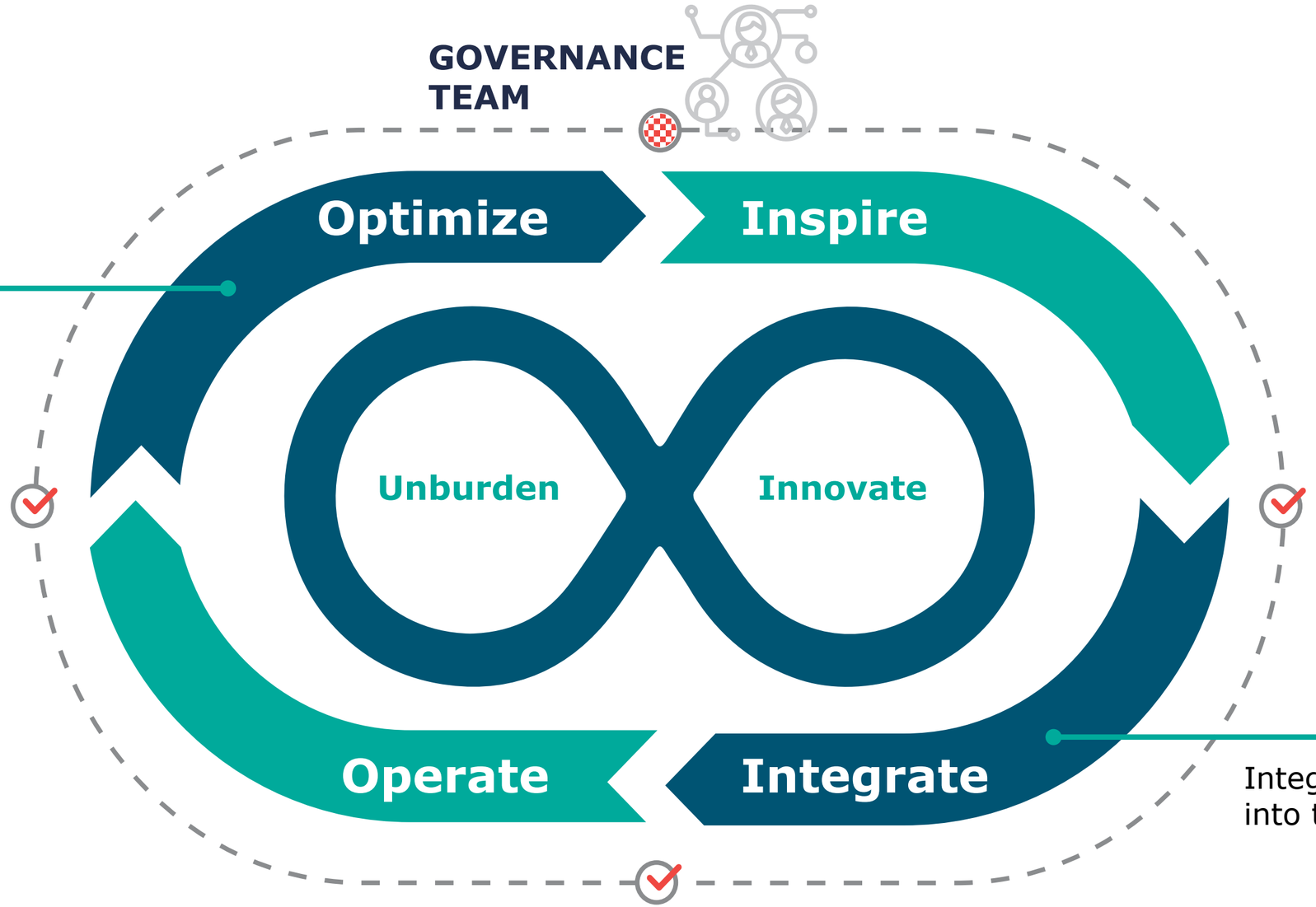
- Create Sensitivity Labels
- Enable Labels for Teams, SharePoint, Exchange, OneDrive
- Pilot Document Labeling
- Implement Sensitivity Label Monitoring
- Rollout Document Labeling
- Pilot Document Protection

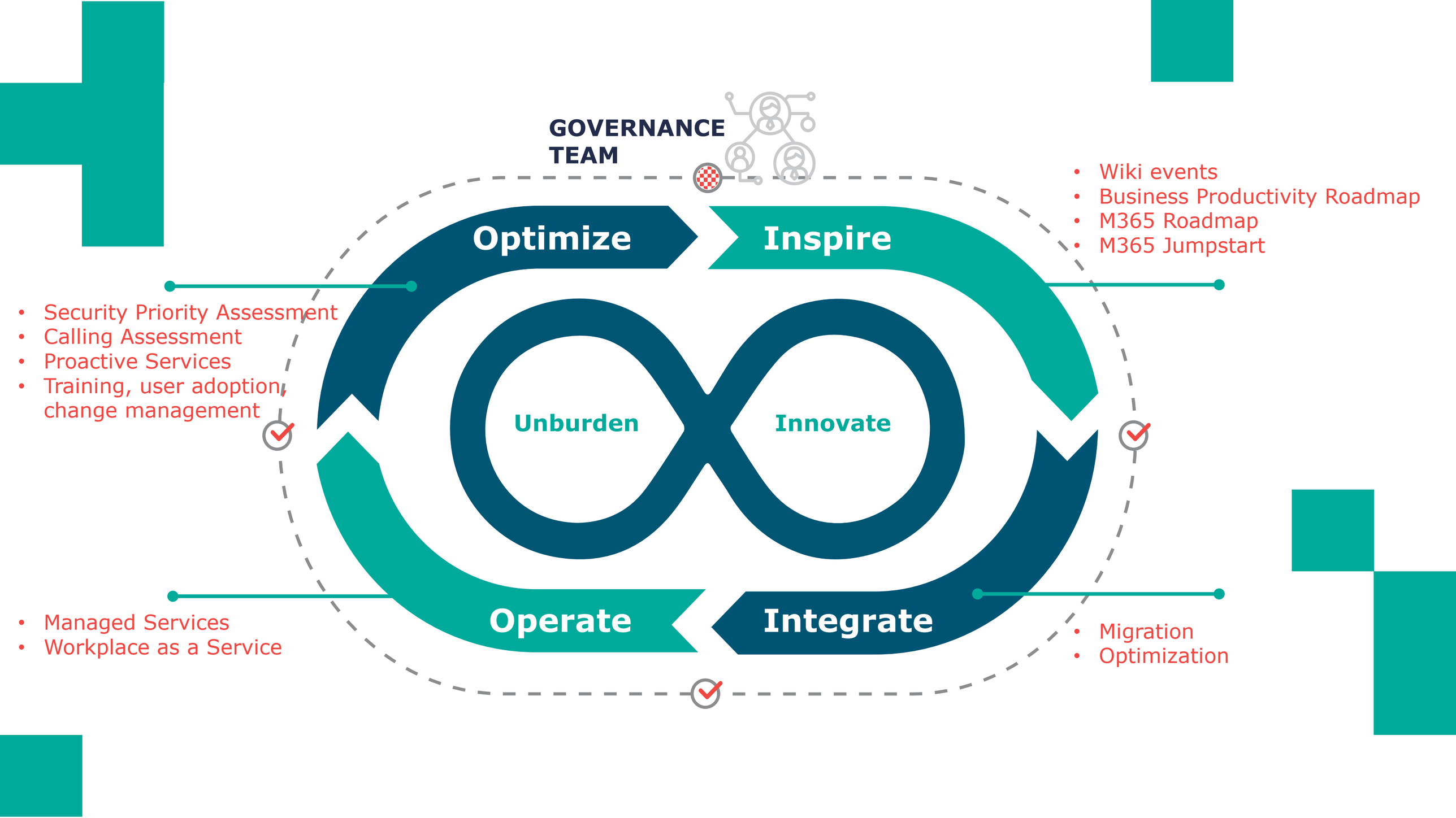
Threat Protection

Microsoft 365 Security



In order to **keep your balance**, you must **keep moving**




GOVERNANCE TEAM
Optimize
Inspire
Unburden
Innovate
Operate
Integrate
• Security Priority Assessment
• Calling Assessment
• Proactive Services
• Training, user adoption, change management
• Wiki events
• Business Productivity Roadmap
• M365 Roadmap
• M365 Jumpstart
• Managed Services
• Workplace as a Service
• Migration
• Optimization

Contacteer voor :

- Microsoft Security Priority Assessment
- Microsoft 365 Identity and Device Best Practices Workshop
- Microsoft Security Roadmap Assistance

Contacteer ons via:

- products@inetum-realdolmen.world
- Uw vertrouwde contactpersoon bij Inetum-Realdolmen

Bestel online via: store.inetum-realdolmen.world

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