

Microsoft 365

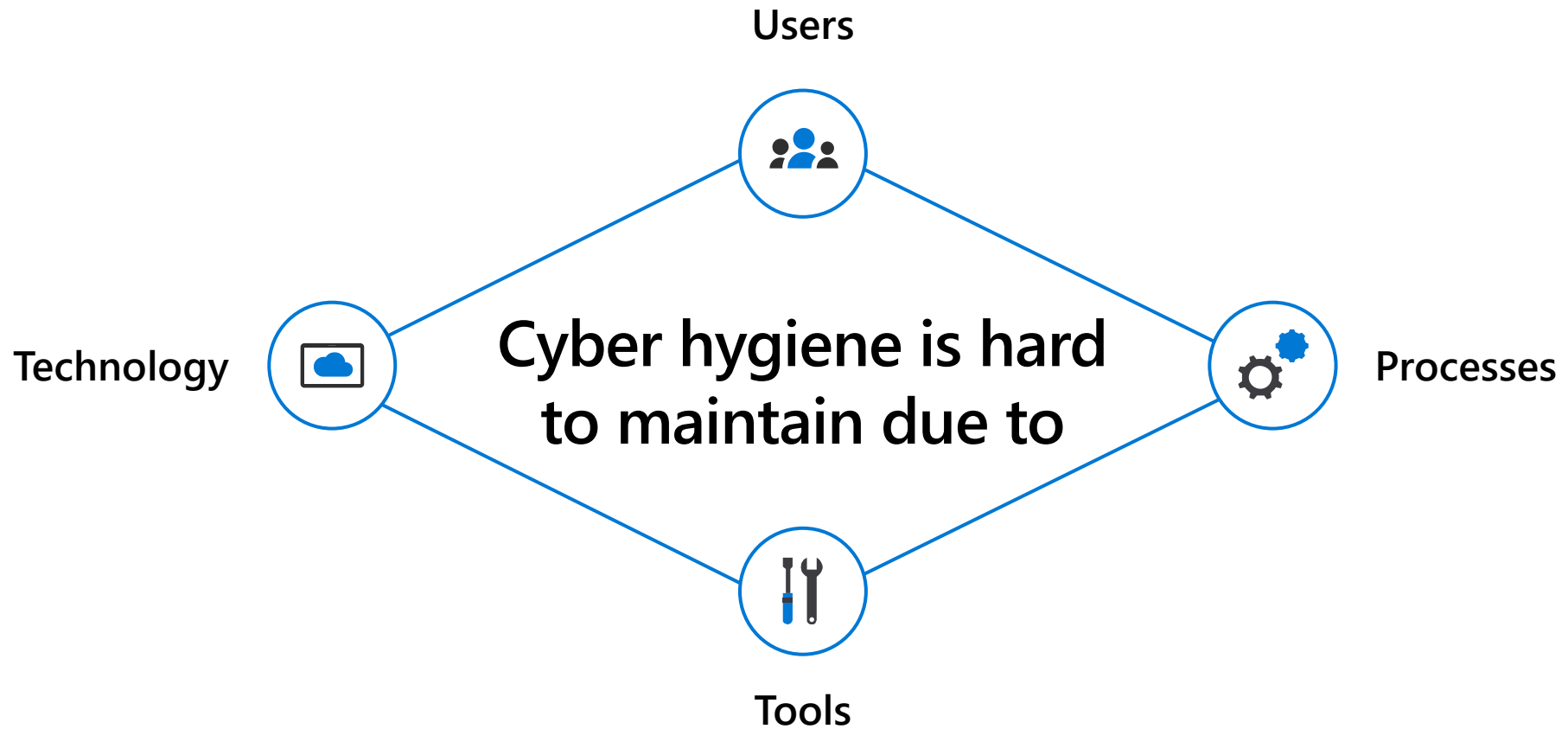


RAZOR TECHNOLOGY

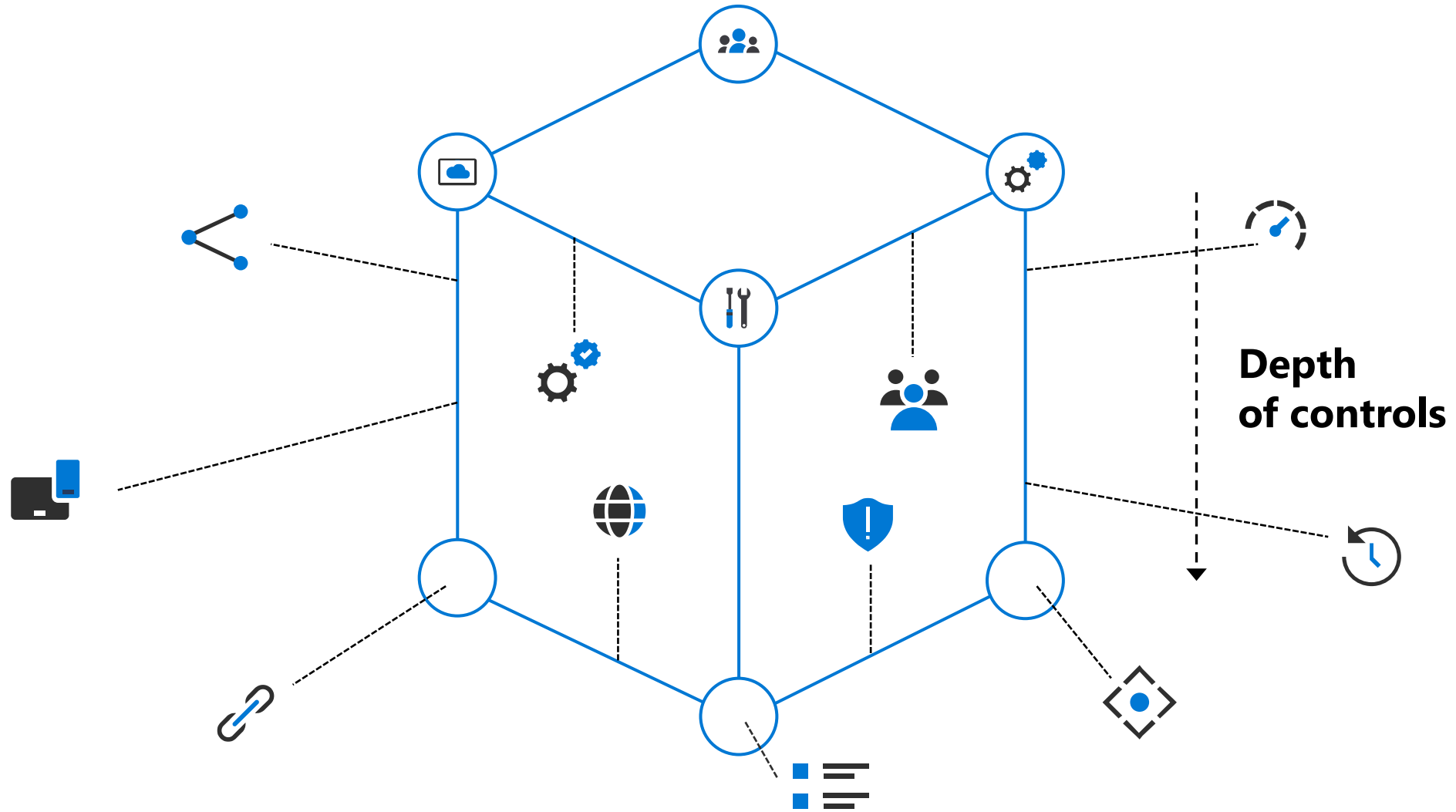
# Identity Workshop

## Microsoft Secure Score Overview

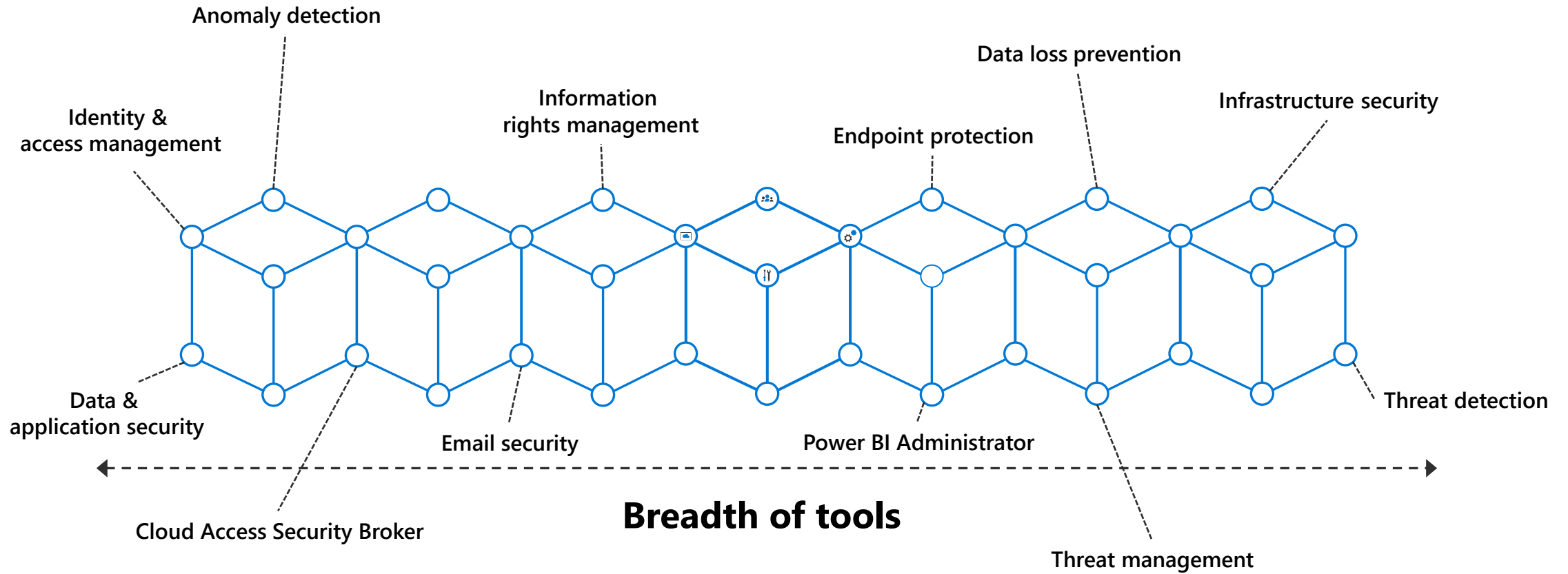
David J. Rosenthal  
VP & GM, Digital Business  
September 17, 2020



# Cyber hygiene is hard to maintain due to

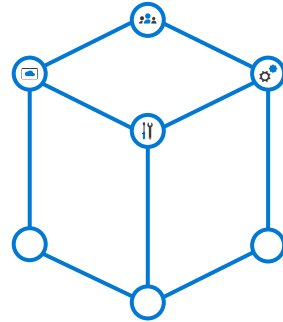


# Cyber hygiene is hard to maintain due to



Cyber hygiene is hard to maintain due to

**1000s** of security controls



**~100** security apps and tools



# Microsoft Secure Score Vision

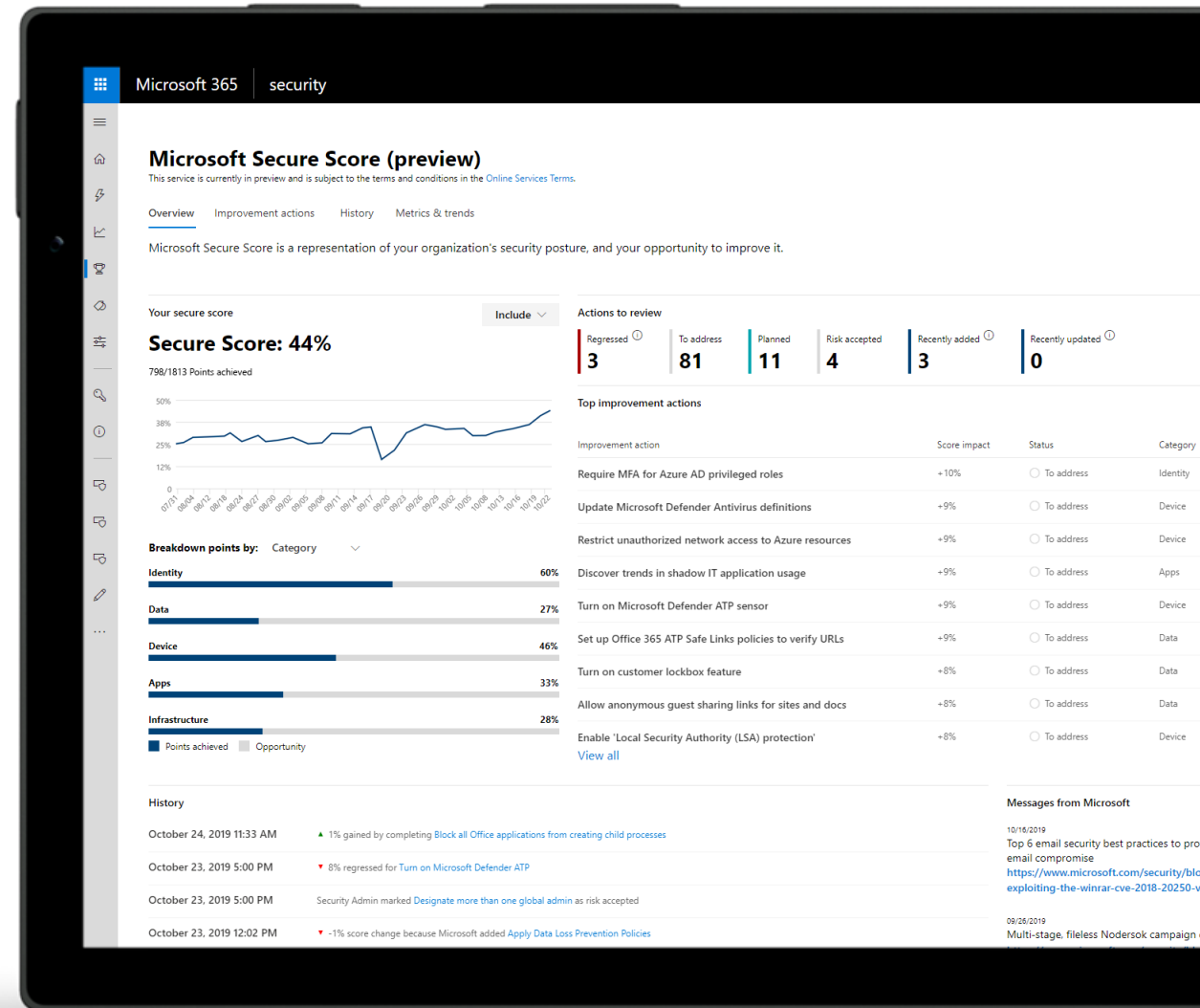
Empower every organization to achieve their most secure, most productive security posture.

One number for org-wide posture;  
Higher number indicating lower risk

Absolute true posture

Built-in and integrated

Heterogenous environment





# Secure Score Overview



# Microsoft Secure Score is your tool to drive ongoing posture improvement

## What should I do next?

Provides security administrators with

- Discoverability
- Guidance

The screenshot displays the Microsoft 365 Security Center interface. At the top, the navigation bar shows 'Microsoft 365' and 'security'. The main content area is titled 'Top improvement actions' and contains a table with the following data:

Improvement action	Score impact	Status	Category
Require MFA for Azure AD privileged roles	+10%	<input type="radio"/> To address	Identity
Update Microsoft Defender Antivirus definitions	+9%	<input type="radio"/> To address	Device
Restrict unauthorized network access to Azure resources	+9%	<input type="radio"/> To address	Device
Discover trends in shadow IT application usage	+9%	<input type="radio"/> To address	Apps
Turn on Microsoft Defender ATP sensor	+9%	<input type="radio"/> To address	Device
Set up Office 365 ATP Safe Links policies to verify URLs	+9%	<input type="radio"/> To address	Data
Turn on customer lockbox feature	+8%	<input type="radio"/> To address	Data
Allow anonymous guest sharing links for sites and docs	+8%	<input type="radio"/> To address	Data
Enable 'Local Security Authority (LSA) protection'	+8%	<input type="radio"/> To address	Device

Below the table, there is a 'View all' link. At the bottom of the screenshot, a log of score changes is visible:

- October 24, 2019 11:33 AM ▲ 1% gained by completing Block all Office applications from creating child processes
- October 23, 2019 5:00 PM ▼ 8% regressed for Turn on Microsoft Defender ATP
- October 23, 2019 5:00 PM Security Admin marked Designate more than one global admin as risk accepted
- October 23, 2019 12:02 PM ▼ -1% score change because Microsoft added Apply Data Loss Prevention Policies

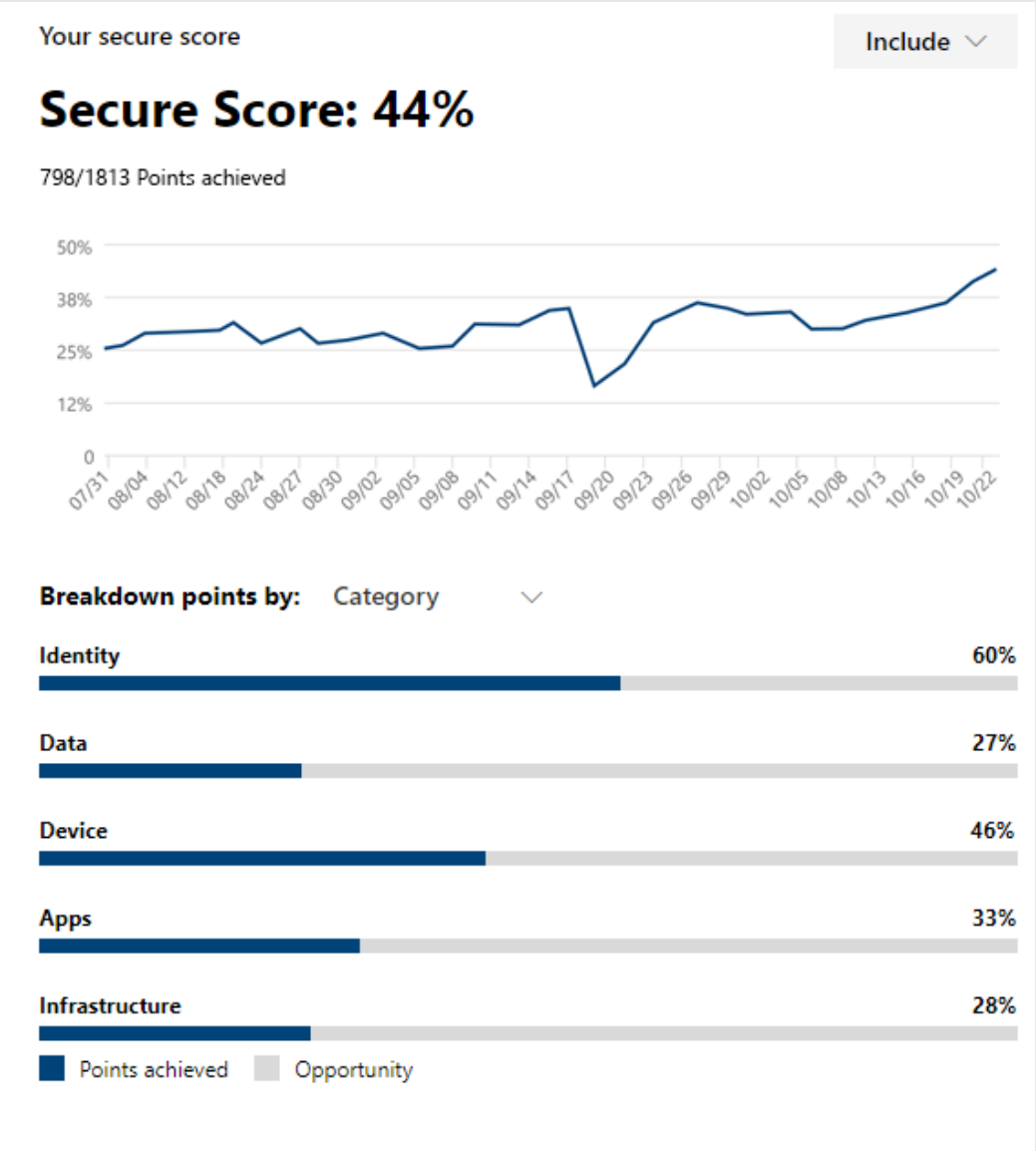
On the right side of the log, there are additional details for the 10/16/2019 entry: 'Top 6 email security best practices to pro email compromise' with a link to <https://www.microsoft.com/security/bc/exploiting-the-winnar-cve-2018-20250-0>, and for the 09/26/2019 entry: 'Multi-stage, fileless Nodersok campaign'.



# Microsoft Secure Score is your tool to drive ongoing posture improvement

## What is my security posture?

- Enables organizations to assess
  - Org wide security posture
  - Broken down by category, product, security solution



Recently updated **0**

Impact	Status	Category
	<input type="radio"/>	To address Identity
	<input type="radio"/>	To address Device
	<input type="radio"/>	To address Device
	<input type="radio"/>	To address Apps
	<input type="radio"/>	To address Device
	<input type="radio"/>	To address Data
	<input type="radio"/>	To address Data
	<input type="radio"/>	To address Data
	<input type="radio"/>	To address Device

Messages from Microsoft

10/16/2019  
Top 6 email security best practices to pro  
email compromise  
<https://www.microsoft.com/security/bloc/exploiting-the-winnr-cve-2018-20250-0>

09/26/2019  
Multi-stage, fileless Nodersok campaign

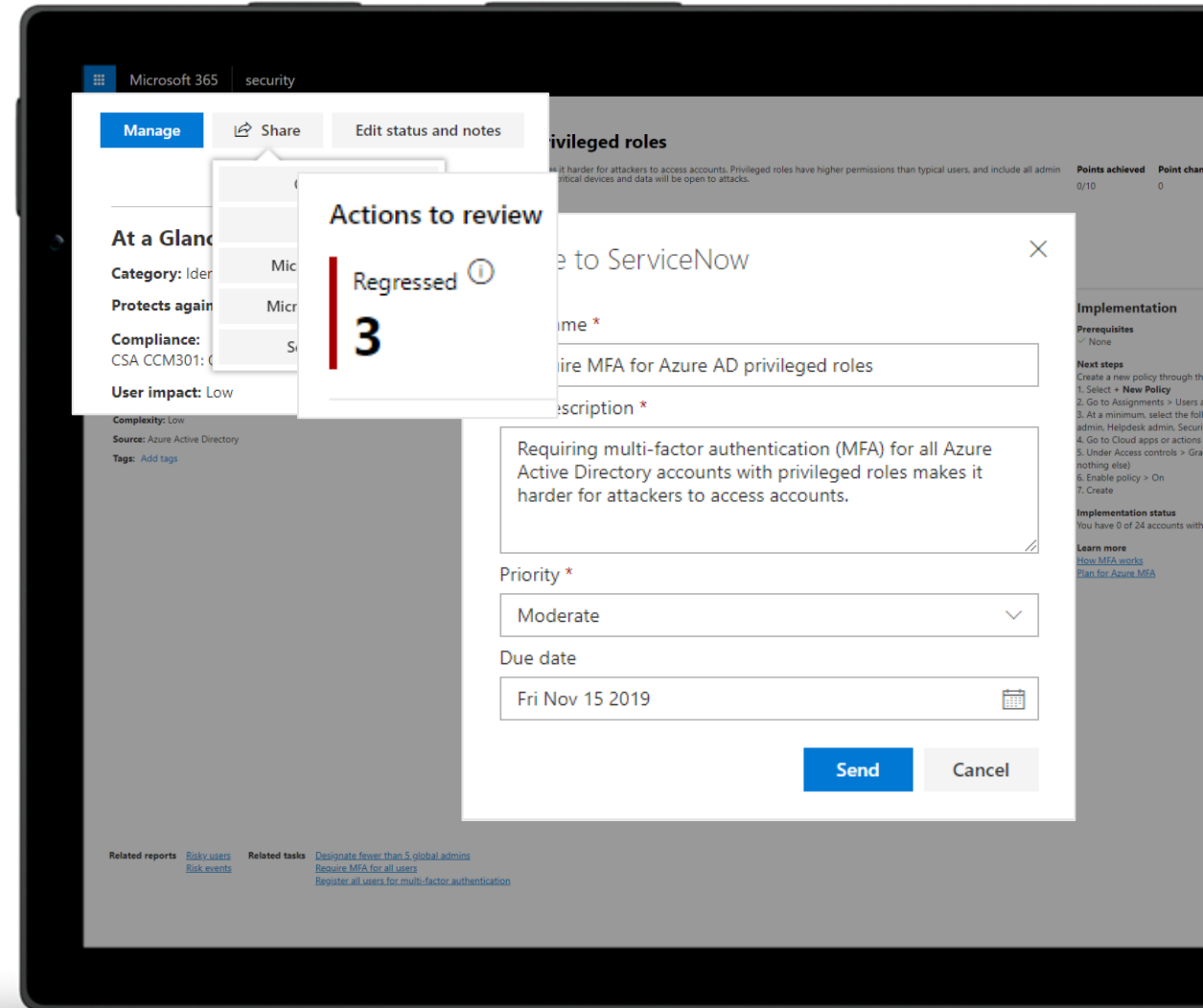
# Microsoft Secure Score is your tool to drive ongoing posture improvement

## How do I take action

- In-built experiences to plan
- Integration with workload portals and IT-BPOS systems

## and monitor control effectiveness?

- Real-time monitoring

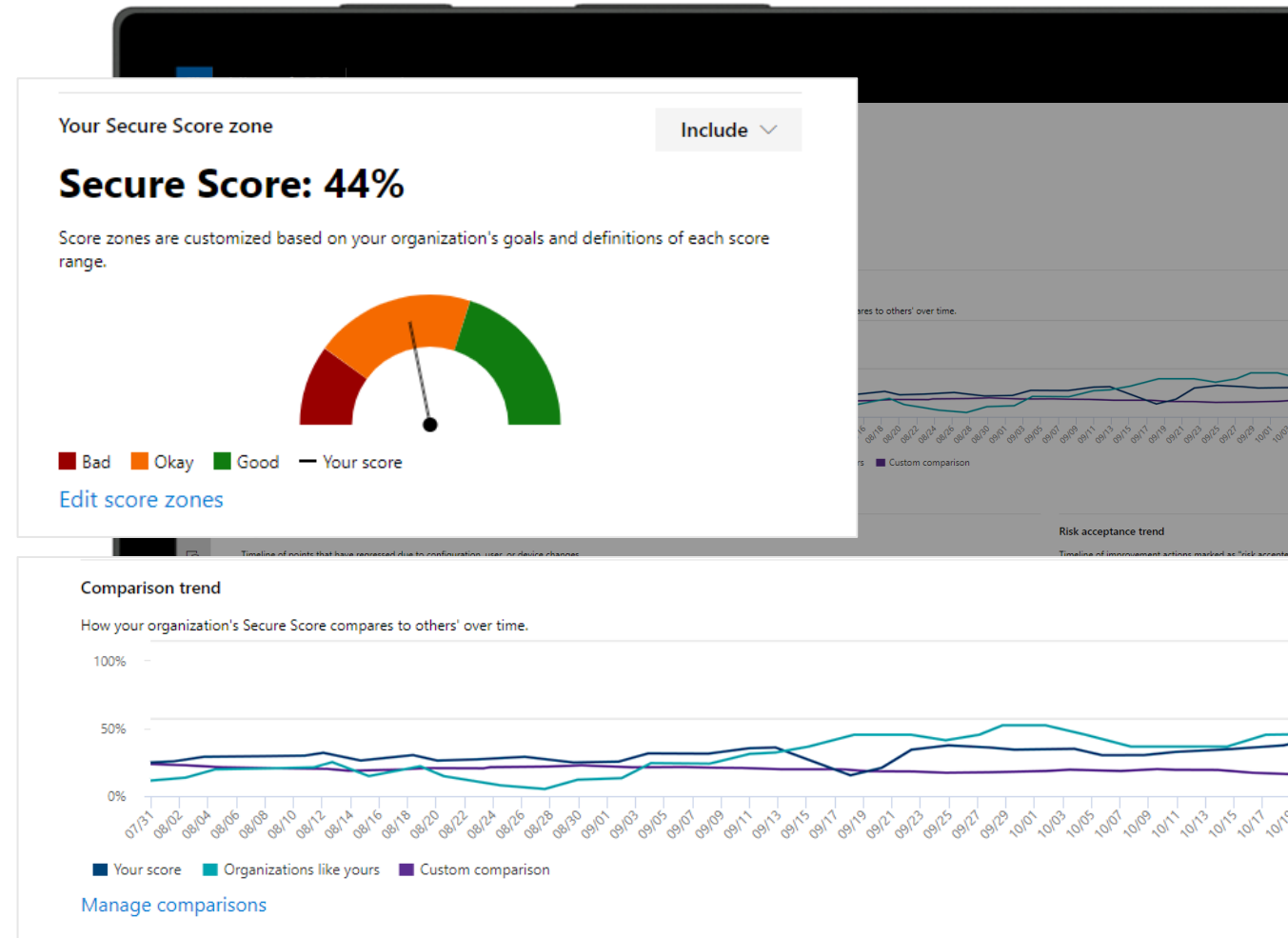


# Microsoft Secure Score is your tool to drive ongoing posture improvement

## How can I report to my CISO?

Enables security teams to demonstrate

- Progress to CISO
- Benchmark



# How does it work?

## Secure Score **75%**

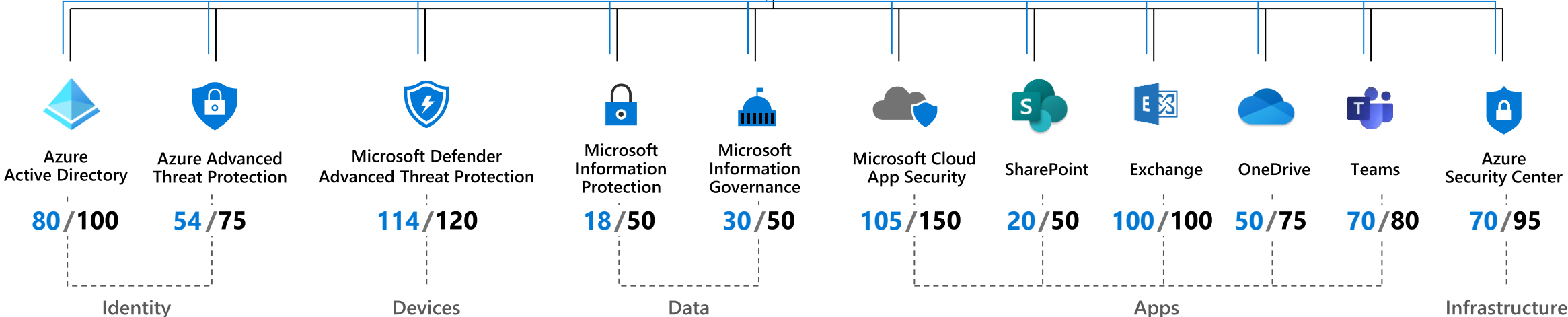
**711/945**

Points achieved

Applicable controls only

Licenses don't matter

### Security controls & Assessment signals





# Questions & Answers





Thank you