

NIS2 Technology Mapping

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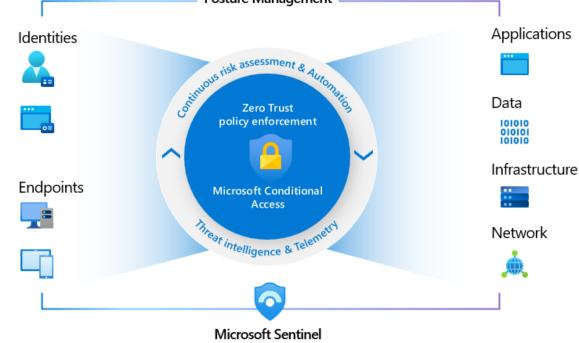


Purpose of this document

In the NIS 2.0 there are a number of duties defined that organizations that are subject to the NIS 2.0 directive will have to implement.

In this document we focus only on these duties and what an organization with Microsoft Office 365 and/or Microsoft Azure can do today. The purpose of this powerpoint is to visualize the technology components towards the NIS2, but is not exhaustive.

We will map the different duties on the Microsoft Zero Trust model. The Zero trust model covers the following areas:



*This document is merely to demonstrate the capabilities of the platform with regards to the NIS 2.0 requirements. It is not complete nor will implementing this fulfill all NIS 2.0 requirements. More details will be added when the local implementation of the NIS 2.0 directive is clear.

NIS 2.0 Duties

(a) policies on risk analysis and information system security;

(b) incident handling;

(c) business continuity, such as backup management and disaster recovery, and crisis management;(d) supply chain security, including security-related aspects concerning the relationships between each entity and its direct suppliers or service providers;

(e) security in network and information systems acquisition, development and maintenance, including vulnerability handling and disclosure;

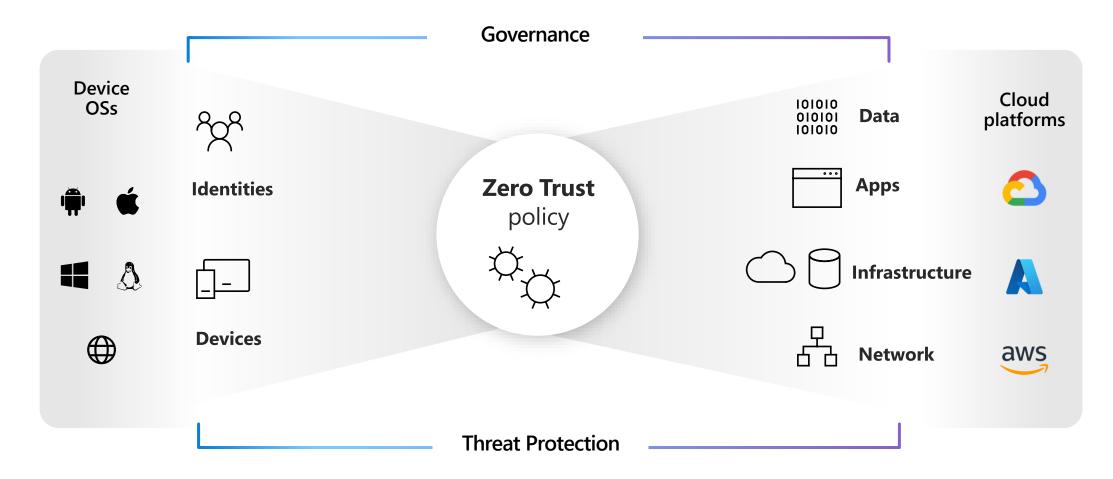
(f) policies and procedures to assess the effectiveness of cybersecurity risk-management measures;(g) basic cyber hygiene practices and cybersecurity training;

(h) policies and procedures regarding the use of cryptography and, where appropriate, encryption;(i) human resources security, access control policies and asset management;

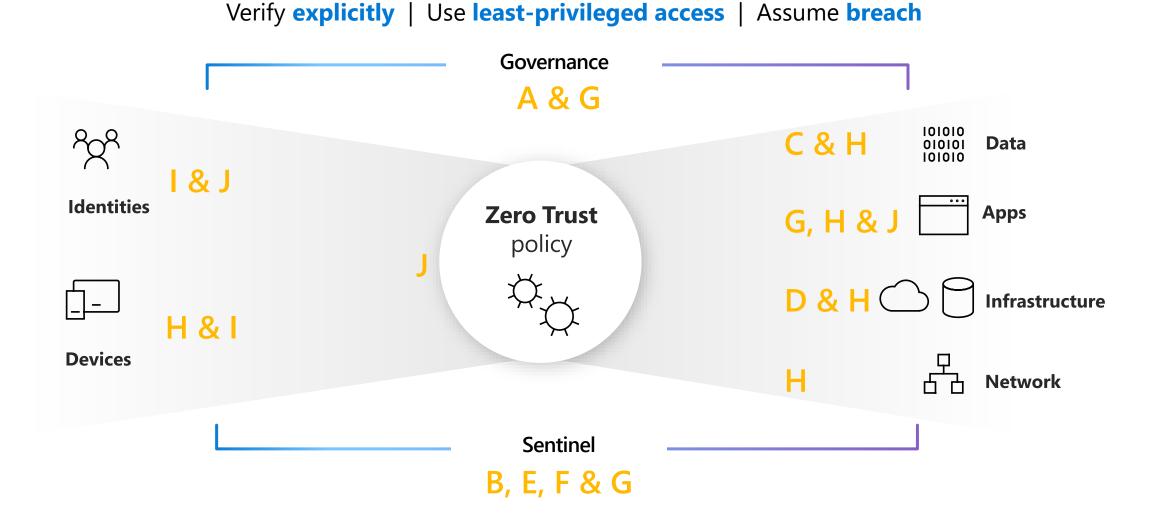
(j) the use of multi-factor authentication or continuous authentication solutions, secured voice, video and text communications and secured emergency communication systems within the entity, where appropriate.

Microsoft Zero Trust product overview

Verify explicitly | Use least-privileged access | Assume breach



Mapping NIS 2.0 Duties to the Microsoft Zero Trust



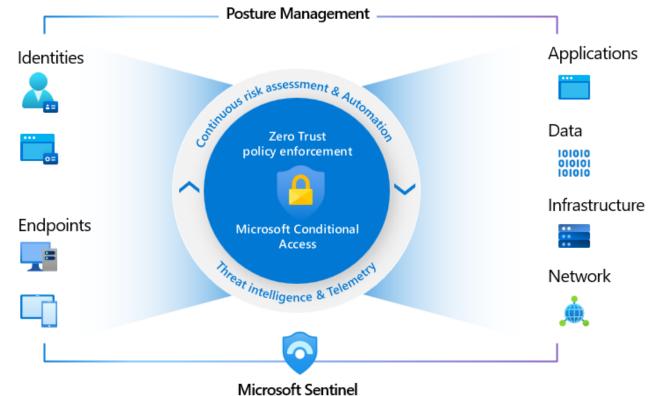
Policies on risk analysis and information system security

Explanation

Effective security policies must be implemented consistently across the organization to protect information systems and customers. Security policies must also account for variations in business functions and information systems to be universally applicable.

Zero Trust Framework

Zero Trust architecture recommends continuous risk assessment in the digital world where attacks happen at cloud speed. Each request shall be intercepted and verified explicitly by analyzing signals on user, location, device compliance, data sensitivity, and application type.



NIS2 COMPLIANCE IS A ZERO TRUST JOURNEY

Incident handling

Security incident handling is the process of identifying, managing, recording and analyzing security threats or incidents in real-time. It seeks to give a robust and comprehensive view of any security issues within an IT infrastructure.



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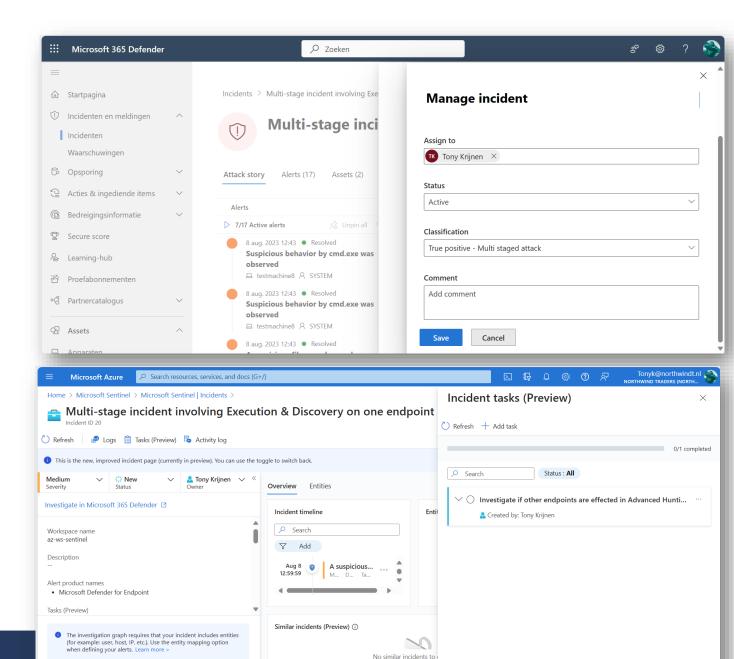
Incident handling with Microsoft Defender

The standard Microsoft Defender security incident homepage allows staff to assign, label, classify and comment on the incidents.



Incident handling with Microsoft Sentinel

Microsoft Sentinel is the Microsoft SIEM (Security Information and Event Management) solution. Sentinel analyzes the signals from all different sources in the organization and allows for full incident and event management, creating and assigning tasks, activity logs, etc.



More information on **<u>Sentinel Incident handling</u>**

Investigate

Incident handling

Security incident handling is the process of identifying, managing, recording and analyzing security threats or incidents in real-time. Leveraging AI solutions will enable organizations to shorten time needed to analyze data and logs as well as stop attacks based on ML patterns.

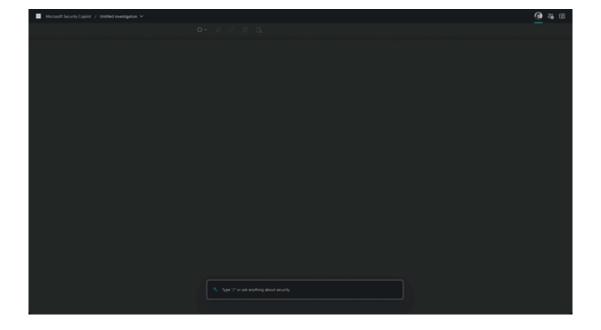


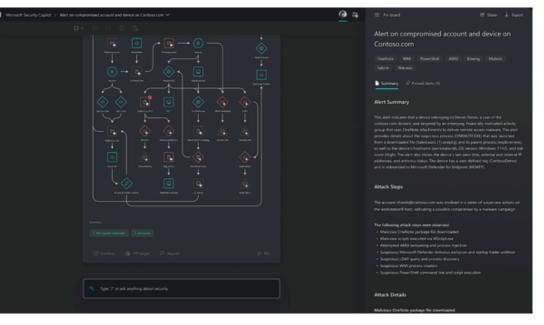
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Security CoPilot

Microsoft Security Copilot is an AI-powered security analysis tool that enables analysts to respond to threats quickly, process signals at machine speed, and assess risk exposure in minutes.

Identify an ongoing attack, assess its scale, and get instructions to begin remediation based on proven tactics from real-world security incidents.





Business continuity – Backup management (1)

Business continuity is the capability of your enterprise to stay online and deliver products and services during disruptive events, such as natural disasters, cyberattacks and communication failures. Aspects of business continuity are Backup management, Disaster recovery and Crisis management. We will cover each topic in a separate slide, this is the slide on Microsoft 365 backup management.



Microsoft 365 Backup

Microsoft 365 backup is a feature that allows you to recover your OneDrive, SharePoint, and Exchange data in case of data loss or corruption. You can backup all or select sites, accounts, and mailboxes in your tenant, and restore them to a prior point-in-time. You can access Microsoft 365 backup directly in the Microsoft 365 admin center or through a partner's application built on top of the Backup APIs1.

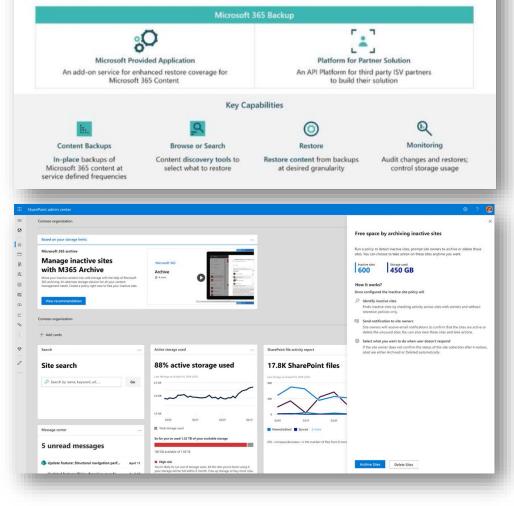
Microsoft 365 Archiving

Microsoft 365 Archive gives you a cold data storage tier that enables you to keep inactive or aging data within SharePoint at a cost-effective price point matching the value of that data's lifecycle stage. Because the content is archived in place, it retains Microsoft 365's valuable security, compliance, search, and rich metadata.

More information on Microsoft 365 Backup & Archive

Microsoft 365 Backup

Reliable, secure, and scalable native backup solution for Microsoft 365 content across SharePoint, OneDrive, and Exchange



Business continuity – Backup management (2)

Business continuity is the capability of your enterprise to stay online and deliver products and services during disruptive events, such as natural Home > northwindt-RecVault1 disasters, cyberattacks and communication failures. northwindt-RecVault1 | Backup ☆ Aspects of business continuity are Backup management, Disaster recovery Recovery Services vault and Crisis management. We will cover each topic in a separate slide, this is the slide on Microsoft Azure backup management. Immutable Vault \times northwindt-RecVault1 Where is your workload running? **Microsoft Azure Backup On-Premises** Enabling this property helps you ensure that recovery points once created cannot be The Azure Backup service provides simple, deleted before their intended expiry. While this helps prevent data loss, you would not be What do you want to backup? secure, and cost-effective solutions to back able to perform certain operations on this vault and its protected items. Learn more. 0 selected up your data and recover it from the The immutable vault property would further need to be 'locked' in order to make it permanent, after which it cannot be reverted to a disabled state. Hence, it is recommended Files and folders Microsoft Azure cloud that you take a well informed decision before enabling and then further locking this property. Learn more. Azure Backup helps protect your critical Hyper-V Virtual Machine business systems and backup data against a VMWare Virtual Machine Enable vault immutability ① ransomware attack by implementing preventive measures and providing tools Microsoft SQL Server that protect your organization from every Lock immutability for this vault ()

step that attackers take to infiltrate your systems. It provides security to your backup environment, both when your data is in transit and at rest.

A The storage replication is set to Geo-Redundant. This option cannot Microsoft SharePoint Locked Microsoft Exchange Confirm locking immutability. Once locked, it cannot be disabled. System State Bare Metal Recovery

Backup items

What is Microsoft Azure Backup?

Business continuity – Disaster Recovery

Business continuity is the capability of your enterprise to stay online and deliver products and services during disruptive events, such as natural disasters, cyberattacks and communication failures. Aspects of business continuity are Backup management, Disaster recovery and Crisis management. We will cover each topic in a separate slide, this is the slide on Microsoft Disaster Recovery.

Microsoft Azure Site Recovery

Azure Site Recovery is a service that helps you keep your business running during IT outages. It allows you to replicate your workloads to Azure or another location, and fail over and recover them when needed. You can use it to protect Azure VMs, on-premises VMs, physical servers, and databases. Azure Site Recovery offers simple deployment and management, cost savings, reliable recovery, and security features

Home > Recovery Services	vaults > Recovery	/ Site Recovery >	
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Supply chain security

Digital supply chains are becoming more complex, more digital, and more interdependent, which means that any vulnerability or attack in one part of the supply chain can have a ripple effect on the entire chain. One example of this is how Microsoft is showcasing their compliance.

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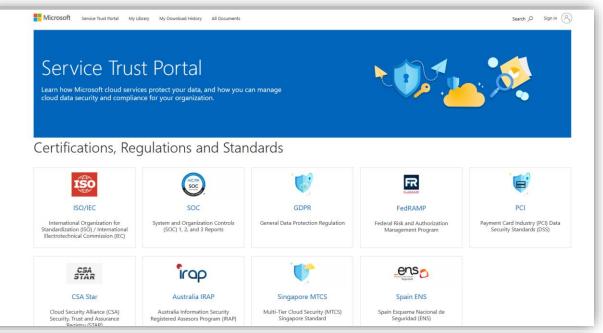
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Compliance (3rd party assurance/SOC verklaring)

Learn how Microsoft cloud services protect your data, and how you can manage cloud data security and compliance for your organization.

External Access (technology)

Entra ID Connect is an on-premises Microsoft application that's designed to meet and accomplish your hybrid identity goals. Use Entra ID Connect to benefit from a modernized Active Directory and benefit from security features such as single sign on and conditional access policies.





Get started with **Entra ID**

Supply chain security

Digital supply chains are becoming more complex, more digital, and more interdependent, which means that any vulnerability or attack in one part of the supply chain can have a ripple effect on the entire chain. One example of this is the way partners can access a customer tenant through their Partnercenter environment.

DAP vs GDAP

D

DAP (Delegated Admin Privileges) is the old way of granting partners access to customers' tenants, which gives them too much power (Global Admin) and poses security risks. The new GDAP (Granular Delegated Admin Privileges) grants partners access to customers' tenants but only to the necessary roles and use permissions for a limited time. Customers should check if their partner tenant has access to their tenant leveraging GDAP instead of DAP to ensure that they have more control and visibility over their data and resources, and that they comply with the latest security best practices.

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Partner relationships

Security in network and information systems acquisition, development and maintenance

From acquisition to maintenance, ensuring network and information systems security is paramount. Ongoing maintenance demands constant monitoring, timely patches, and regular security assessments to safeguard data integrity and operational stability.



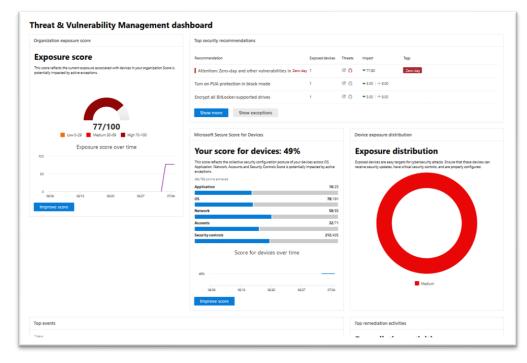
Defender Vulnerability Management

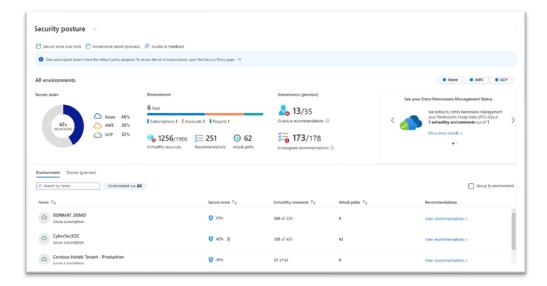
Defender Vulnerability Management (DVM) delivers asset visibility, intelligent assessments, and built-in remediation tools for Windows, macOS, Linux, Android, iOS, and network devices. Leveraging Microsoft threat intelligence, breach likelihood predictions, business contexts, and devices assessments, Defender Vulnerability Management rapidly and continuously prioritizes the biggest vulnerabilities on your most critical assets and provides security recommendations to mitigate risk.

Cloud Security Posture Management

Cloud Security Posture Management (CSPM) provides you with hardening guidance that helps you efficiently and effectively improve your security. CSPM also gives you visibility into your current security situation.

Get started with **DVM** and **CSPM**





Security in network and information systems acquisition, development and maintenance

From acquisition to maintenance, ensuring network and information systems security is paramount. Ongoing maintenance demands constant monitoring, timely patches, and regular security assessments to safeguard data integrity and operational stability.



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Defender for IOT

Defender for IoT is a security solution that protects IoT and OT devices from physical and cyber threats. It provides asset discovery, vulnerability management, and threat detection for complex, digital, and interdependent environments. It also integrates with other security tools such as Sentinel, Splunk, and Defender for Endpoint

Home > Defender for IoT								
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<i>B</i> Diagnose and solve problems								

Security in network and information systems acquisition, development and maintenance

Home > Microsoft Defender for Cloud

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Search

Getting started

Security alerts

Recommendations

Attack path analysis

General Overview

From acquisition to maintenance, ensuring network and information systems security is paramount. Ongoing maintenance demands constant monitoring, timely patches, and regular security assessments to safeguard data integrity and operational stability.



Defender for DevOps

Defender for DevOps uses a central console to empower security teams with the ability to protect applications and resources from code to cloud across multi-pipeline environments, such as GitHub and Azure DevOps. Findings from Defender for DevOps can then be correlated with other contextual cloud security insights to prioritize remediation in code.

Inventory Cloud Security Explorer Get started Workbooks 👛 Community Onboarding Azure D... Diagnose and solve problems Cloud Security Security posture Regulatory compliance Workload protections GitHub Azure DevOps Data security (Preview) Defender for DevOps addresses the Defender for DevOps addresses the interaction of DevOps in the current threat interaction of DevOps in the current threat 🍯 Firewall Manager landscape. Follow the steps to Create a landscape. Follow the steps to Create an DevOps security (preview) GitHub connector to your source code ADO connector to your source code management systems. Discover DevOps management systems. Discover DevOps resources and onboard them to Microsoft resources and onboard them to Microsoft Management Defender for Cloud. Defender for Cloud, Environment settings Security solutions 1. Connect DevOps environments Workflow automation Create a connector to your source code management systems. Discover DevOps resources and onboard them to Microsoft Defender for Cloud. Add connector

Microsoft Defender for Cloud | DevOps security (preview)

c

C) Refresh Quides and Feedback

DevOps Security

application lifecycle-development, build, and operations.

For more information, please refer to the documentation.

Defender for DevOps addresses the intersection of DevOps with the current threat landscape. It provides end-to-end security including visibility into code and code management systems and security capabilities that help prevent, detect,

and respond to current threats. By shifting cloud security left, risk is addressed earlier across every stage of the cloud

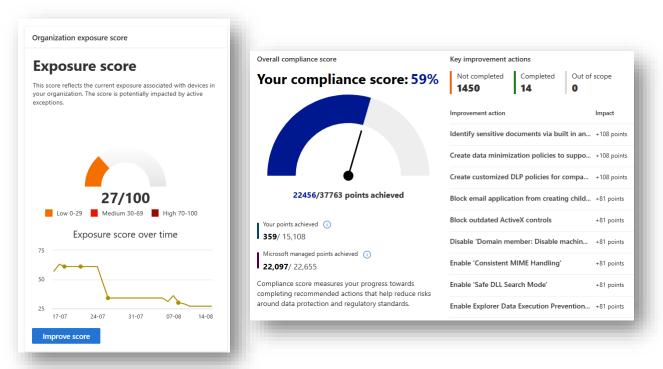
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Get started with **Defender for DevOps**

Policies and procedures to assess the effectiveness of cybersecurity riskmanagement measures (1)

Although there are many methods and frameworks for policies, procedures and assessing the effectiveness of cybersecurity risk-management measures, common steps are:

- Understand the security landscape of your organization, including its assets, systems, vendors, and regulations
- Identify gaps in your current cybersecurity controls, such as outdated software, weak passwords, or phishing vulnerabilities
- Create a team of qualified and experienced cybersecurity professionals who can monitor, respond, and improve your security posture
- Determine the informational value of your assets and prioritize them based on their importance and sensitivity
- Analyze and address the risks that pose the most threat to your assets, using tools such as penetration testing, risk scoring, and mitigation strategies



Policies and procedures to assess the effectiveness of cybersecurity riskmanagement measures (2)

This slide focusses on how you can understand the security landscape of your organization. Microsoft Secure Score helps organizations by reporting on the current state of the organization's security posture; Improve security posture by providing discoverability, visibility, guidance, and control and compare with benchmarks and establish key performance indicators (KPIs).



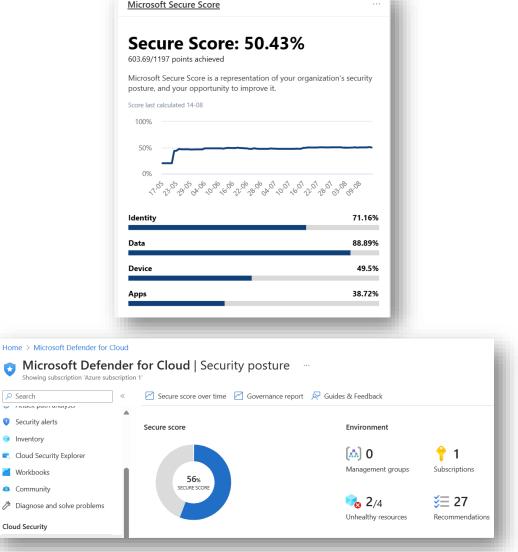
Microsoft Defender Secure Score

The Microsoft Defender Secure Score is applicable for Microsoft SaaS workloads, such as Microsoft 365, Identity, Devices and Apps. It evaluates your configuration settings and behaviors and gives you a score based on the alignment with security standards.

Microsoft Defender for Cloud Secure Score

The Microsoft Defender for Cloud Secure Score applies to PaaS, laaS, hybrid and multi-cloud workloads. It assesses your crosscloud resources for security issues and gives you a score based on the implementation of best practices. Defender for Cloud can provide recommendations for Microsoft Azure, Amazon Web Services, Google Cloud Suite, etc.

More information on **Secure Score**



Policies and procedures to assess the effectiveness of cybersecurity risk-management measures (3)

This slide focusses on how you can identify gaps in your current cybersecurity controls, such as outdated software, weak passwords, or phishing vulnerabilities.

Microsoft Defender Exposure Score

Microsoft Defender exposure score is a metric that reflects how vulnerable your organization is to cybersecurity threats. Your exposure score is influenced by factors such as weaknesses, threats and security alerts on your devices.

Microsoft Defender for Identity

Defender for Identity can detect accounts with unsecure attributes that expose a security risk, such as PasswordNotRequired. It can also detect weak cipher usage on devices and accounts, such as RC4 or DES2. Additionally, it can alert you of credential access attempts by malicious actors.

Compliance manager

Compliance score measures progress towards completing recommended actions that help reduce risks around data protection and regulatory standards.

More information on **Compliance Score**

	Top vulnerable software					
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Basic cyber hygiene practices and cybersecurity training (1)

Cybersecurity training is the process of educating yourself and others about the risks and best practices of cyber hygiene. Training can help you develop the skills and knowledge to protect yourself and your organization from cyber threats.



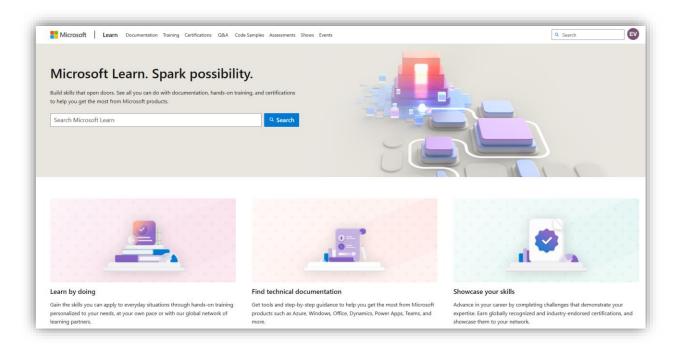
Microsoft 365 Learn

Microsoft Learn offers learning paths for Microsoft 365, Security and Microsoft Teams, as well as virtual training days and a community to connect with other learners and professionals. Microsoft Support provides video training, templates, guick starts, cheat sheets, infographics, and more for Microsoft 365.



Defender for Office 365

On of the key features of Defender for Office 365 is the Attack simulation training, which allows you to run realistic attack scenarios in your organization and identify vulnerable users. By using Attack simulation training, you can educate your users on how to recognize and report phishing, malware, and ransomware attacks, and improve their security awareness and behavior.



Get started with Microsoft Learn

Basic cyber hygiene practices and cybersecurity training (2)

Cybersecurity training is the process of educating yourself and others about the risks and best practices of cyber hygiene. Training can help you develop the skills and knowledge to protect yourself and your organization from cyber threats.



Your cybersecurity weather forecast Defender Threat Intelligence

Microsoft Defender Threat Intelligence (Defender TI) is a platform that streamlines triage, incident response, threat hunting, vulnerability management, and cyber threat intelligence analyst workflows when conducting threat infrastructure analysis and gathering threat intelligence. Analysts spend a significant amount of time on data discovery, collection, and parsing, instead of focusing on what actually helps their organization defend themselves-deriving insights about the actors through analysis and correlation.

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Policies and procedures regarding the use of cryptography and, where appropriate, encryption

Encryption is an important part of your file protection and information protection strategy. Encryption by itself doesn't prevent content interception. Encryption is part of a larger information protection strategy for your organization. By using encryption, you help ensure that only authorized parties can use the encrypted data.



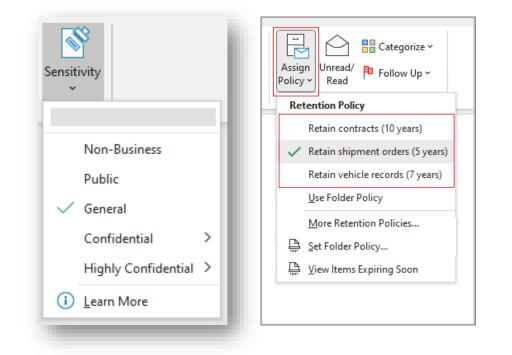
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Purview Information Protection Sensitivity Labels

Microsoft Purview Information Protection to help you discover, classify, and protect with the use of encryption the sensitive information wherever it lives or travels. Sensitivity labels let you classify and protect your organization's data in-rest and in-motion, while making sure that user productivity and their ability to collaborate isn't hindered.

Data Lifecycle Management

Microsoft Purview Data Lifecycle Management provides you with tools and capabilities to retain the content that you need to keep and delete the content that you don't. Retaining and deleting content is often needed for compliance and regulatory requirement, but deleting content that no longer has business value also helps you manage risk and liability



Η

Policies and procedures regarding the use of cryptography and, where appropriate, encryption

Encryption	Encryption
Control who can access files and email messages that have this label applied. Learn more about encryption settings	Control who can access files and email messages that have this label applied. Learn more about encryption settings
Remove encryption if the file is encrypted	Remove encryption if the file is encrypted
Configure encryption settings	 Configure encryption settings
① Turning on encryption impacts Office files (Word, PowerPoint, Excel) that have this label applied. Because the files will be encrypted for security reasons, performance will be slow when the files are opened or saved, and some SharePoint and OneDrive features will be limited or unavailable. Learn more	Turning on encryption impacts Office files (Word, PowerPoint, Excel) that have this label applied. Because the files will be encrypted for security reasons, performance will be slow when the files are opened or saved, and some SharePoint and OneDrive features will be limited or unavailable. Learn more
Assign permissions now or let users decide?	Assign permissions now or let users decide?
Assign permissions now 🗸	Assign permissions now V
The encryption settings you choose will be automatically enforced when the label is applied to email and Office files.	The encryption settings you choose will be automatically enforced when the label is applied to email and Office files.
User access to content expires 🕕	User access to content expires 🕕
Never	Never ~
Allow offline access 🕕	Allow offline access 🕕
Always 🗸	Always ~
Assign permissions to specific users and groups * \odot	Assign permissions to specific users and groups * 🕕
Assign permissions	Assign permissions
0 items	0 items
Users and groups Permissions	Users and groups Permissions
No data available	No data available
Use Double Key Encryption 🕦	Use Double Key Encryption 💿

Get started with **Purview Information Protection**

Η

Policies and procedures regarding the use of cryptography and, where appropriate, encryption

■ Microsoft Azure	h resources, services, and docs (G+/)	Microsoft Intune admin center	r
Home > Storage accounts > Create a storage accou	int …	≪ ↑ Home ☑ Dashboard	Home > Endpoint security Disk encryption > Create profile BitLocker
Basics Advanced Networking	Data protection Encryption Tags Review	 All services Devices Apps 	Basics Configuration settings Scope tags Assignments Seview + create Assignments
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Enable support for customer-managed keys ①	Blobs and files only	Lusers	Allow Warning For Other Disk Encryption Enabled
	 All service types (blobs, files, tables, and queues) A This option cannot be changed after this storage account is created. 	 Tenant administration Troubleshooting + support 	Configure Recovery Password Rotation ① Refresh on for Azure AD-joined devices
Enable infrastructure encryption 🛈	This option cannot be changed after this storage account is created.		 Administrative Templates Windows Components > BitLocker Drive Encryption

ENCRYPTION SETTINGS IN A MICROSOFT AZURE STORAGE ACCOUNT

ENFORCING HARDDISK DRIVE ENCRYPTION THROUGH DEVICE POLICIES

Н

Policies and procedures regarding the use of cryptography and, where appropriate, encryption

Create Azure Key Vault	test-serv-key-rotate Transparent data encryption					
and manage your cryptographic keys. Mc Also helps to meet most stringent securit Level 3 validated HSMs. Learn more Project details	ng Tags Review + create single-tenant, zone-resilient (where available), highly available HSMs to store ist suitable for applications and usage scenarios that handle high value keys. y, compliance, and regulatory requirements. Managed HSM uses FIPS 140-2 red resources and costs. Use resource groups like folders to organize and	 Search (Ctrl+/) Security Networking Microsoft Defender for Cloud Transparent data encryption Identity 	*	Save X Discard R Feedbar Transparent data encryption encrypts y encryption, go to each database. Learn Transparent data encryption ① Key selection method	our databases, backups, and logs at rest without any	
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DATA ENCRYPTION AT REST

MICROSOFT AZURE KEY VAULT FOR MANAGED HMS

https://learn.microsoft.com/en-us/azure/key-vault/managed-hsm/overview https://learn.microsoft.com/en-us/azure/security/fundamentals/encryption-atrest

Human resources security, access control policies and asset management (1)

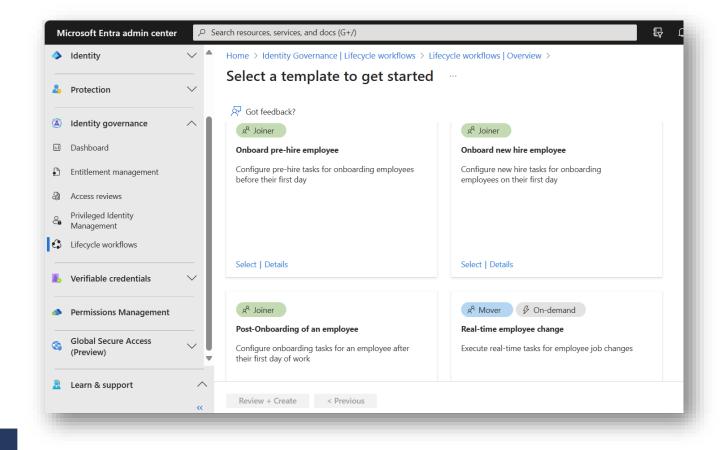
Microsoft Entra ID Governance allows you to balance your organization's need for security and employee productivity with the right processes and visibility. It provides you with capabilities to ensure that the right people have the right access to the right resources.



Microsoft Entra Lifecycle Management

Entra lifecycle management is a feature of Microsoft Entra ID Governance that helps you manage users by automating their joiner, mover, and leaver processes. You can create and manage workflows that consist of tasks and execution conditions to perform actions on users based on their attributes, group memberships, or status changes.

Lifecycle workflows can even integrate with the ability of Microsoft logic apps tasks to extend workflows for more complex scenarios that require integration with existing systems and procedures.



Human resources security, access control policies and asset management (2)

With the new Entra ID (Azure Active Directory) Governance features organizations have more control over standard procedures as well as timed access reviews.



Microsoft Entra Entitlement Management

Also a feature of the Microsoft Entra ID Governance, Microsoft Entra Entitlement Management is a feature that enables organizations to manage identity and access lifecycle at scale, by automating access request workflows, access assignments, reviews, and expiration. It can help you more efficiently manage access to groups, applications, and SharePoint Online sites for internal users, and also for users outside your organization who need access to those resources. It also provides comprehensive visibility and control over permissions for any identity and any resource in Microsoft Azure, Amazon Web Services (AWS) and Google Cloud Platform (GCP).

	Identity	~ ^	Home > Identity Governance				
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What is Microsoft Entra entitlement manager?

Human resources security, access control policies and asset management (2)

With the new Entra ID (Azure Active Directory) Governance features organizations have more control over standard procedures as well as timed access reviews.

Microsoft Entra Access Reviews

Also a feature of the Microsoft Entra ID Governance, Microsoft Entra access reviews helps you manage the access to your resources, such as groups and applications, by reviewing them regularly. You can create and perform access reviews for users or guests, and ask them or a decision maker to confirm or revoke their access based on their needs. You can also use access reviews to comply with policies, audit requirements, or security best practices.

	Identity	~ ^	Home > Identity Governance	Access reviews >	
2,	Protection	$\overline{}$	New access review	,	
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11	Dashboard		Determine review stages, reviewe	rs, and timeline below.	
3	Entitlement management		Multi-stage review * (i)		
9	Access reviews		Specify reviewers		
0	Privileged Identity Management		Select reviewers *	Group owner(s)	
3	Lifecycle workflows		Fallback reviewers ①	Tony Krijnen	
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6	(Preview)		End	Never	
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What are Microsoft Entra Access Reviews?

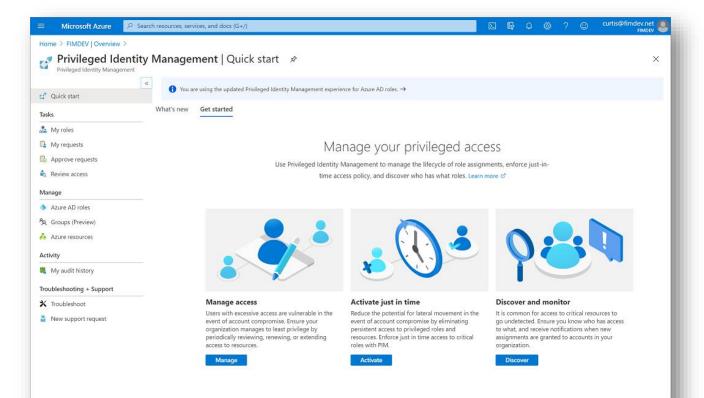
Human resources security, access control policies and asset management

Microsoft Conditional access and Microsoft Privileged Identity Management help organizations to limit access to administrative roles until that access is needed and only when conditions are met.

Privileged Identity Management

Privileged Identity Management (PIM) is a service in Microsoft Entra ID that enables you to manage, control, and monitor access to important resources in your organization (Microsoft Entra ID, Azure, Microsoft 365 and other Microsoft Online Services).]

It provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access permissions on resources that you care about.



The use of multi-factor authentication or continuous authentication solutions, secured voice, video and text communications and secured emergency communication systems within the entity

Explanation

The modern security perimeter extends beyond an organization's network perimeter to include user and device identity. Organizations now use identity-driven signals as part of their access control decisions.



Zero Trust Mapping

Zero Trust requires that every transaction between systems (user identity, device, network, and applications) be validated and proven trustworthy before the transaction can occur.



Conditional Access

Azure AD Conditional Access brings signals together, to make decisions, and enforce organizational policies. Conditional Access is Microsoft's Zero Trust policy engine taking signals from various sources into account when enforcing policy decisions. This feature helps organizations to align their <u>identities</u> with the three guiding principles of a Zero Trust architecture: verify explicitly, use least privilege and assume breach.



Risk based Conditional Access

Most users have a normal behavior that can be tracked, when they fall outside of this norm it could be risky to allow them to just sign in. You may want to block that user or maybe just ask them to perform multifactor authentication to prove that they're really who they say they are. A sign-in risk represents the probability that a given authentication request isn't authorized by the identity owner.

The use of multi-factor authentication or continuous authentication solutions

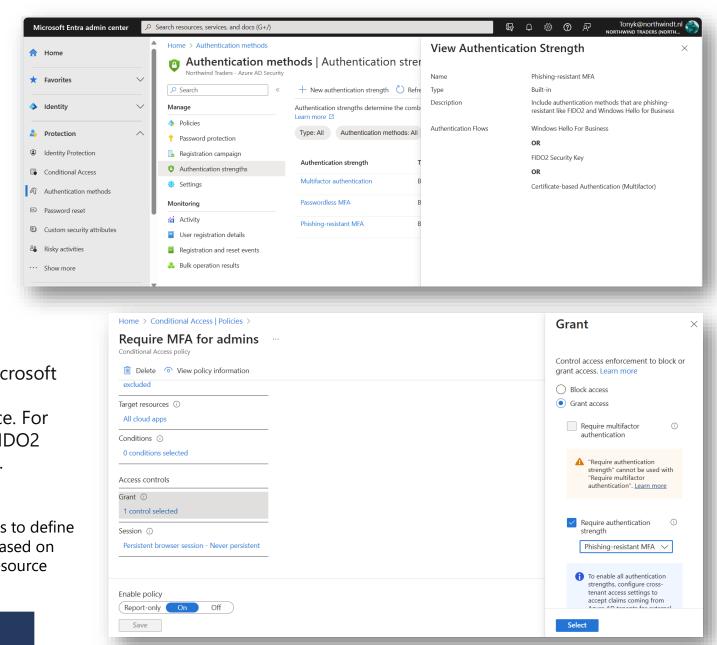
Token interception through an Adversary-in-themiddle attacks is the most common way to bypass MFA and allow attacks to leverage a token replay to gain full access. Microsoft Entra Authentication Strengths can help to mitigate these attacks.

Microsoft Entra Authentication Strengths

The new Entra Authentication Strengths (a feature of Microsoft Entra ID) allows you to specify which combination of authentication methods can be used to access a resource. For example, you can require phishing-resistant methods (FIDO2 keys, Windows Hello, Smartcards for sensitive resources.

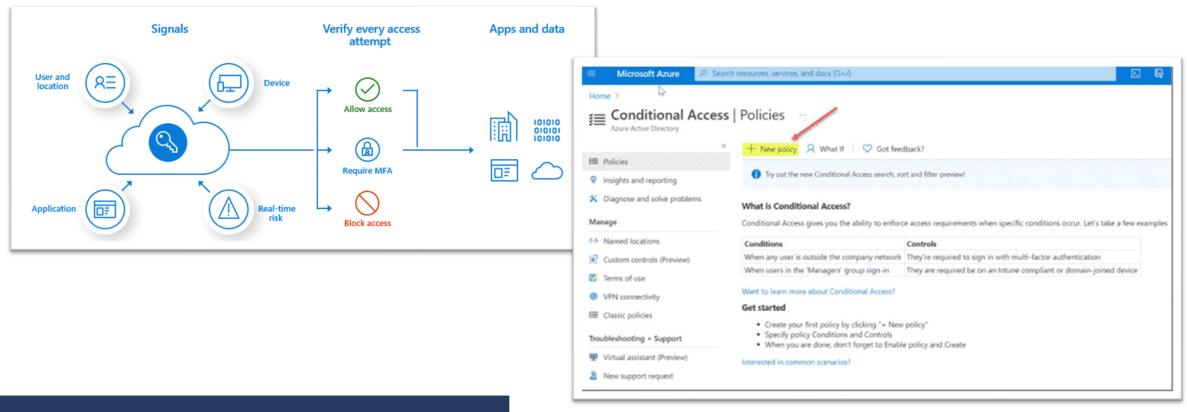
Enforce Authentication Strengths through CA

You can use authentication strengths in conditional access policies to define a minimum level of authentication strength required for access, based on factors such as the user's sign-in risk level, the sensitivity of the resource being accessed, the user's location, and more



Get started with **Entra ID**

The use of multi-factor authentication or continuous authentication solutions, secured voice, video and text communications and secured emergency communication systems within the entity



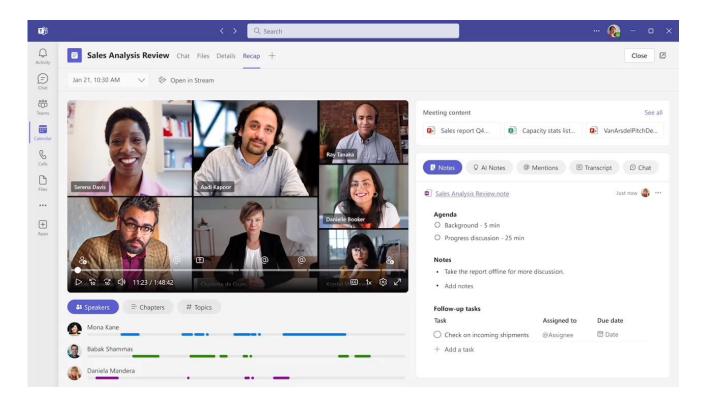
Get started with **Conditional Access**

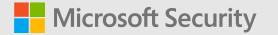
The use of multi-factor authentication or continuous authentication solutions, secured voice, video and text communications and secured emergency communication systems within the entity



Teams Premium

Microsoft Teams Premium is an enhanced version of the popular collaboration platform, Microsoft Teams. It offers advanced communication tools, improved security, seamless integration with Microsoft 365 apps, increased storage, and priority support. Customers should use it for boosted productivity, enhanced security, and tailored collaboration solutions to fit their specific needs.





Thank you

