MK Cloud & IT

M365 Security & Compliance Report

MK Cloud & IT Demo

Generated on 10-09-2026 11:40 UTC

78

OVERALL SCORE /100

GOOD

Table of Contents

This report supports ICT readiness and evidence for NIS2 and the Dutch Cybersecurity Act. Its scope primarily covers Microsoft 365. It does not replace a formal audit, certification or legal advice; the organisation remains responsible for applicability, other systems, processes and suppliers.

Executive Summary

78/100	88%	3	72%
Overall score	MFA coverage	Open incidents	NIS2 readiness

Security verdict:

GOOD

Good foundation with targeted improvement points.

Key metrics at a glance

Domain	Measurement	Status
MFA coverage	88% (7 of 8 users)	Attention
Admins without MFA	0	OK
Open incidents	3 (0 critical)	Attention
Global admins	2	OK
Mailboxes with issues	0 (amber: 0, red: 0)	OK
Attack paths detected	1	Attention
High-risk users	1	Attention
Dark web breaches	5	Critical
Conditional Access policies	6	OK
NIS2 readiness	72%	OK

Security Status

Security Center - Incidents

Incident	Severity	Status
Verdachte aanmelding vanuit onbekende locatie	High	Open
Extern mailbox-forwardingadres gedetecteerd	High	Open
OAuth-app met brede leesrechten	Attention	Investigating

Mail flow & quarantine

Delivered: 1612 (90.0%) | Not delivered: 64 | Quarantine: 4 (3 awaiting review) | 1792 message(s) over 7 days

Connectors: 2 (1 inbound, 1 outbound)

Quarantine category	Count
Phishing (hoge zekerheid)	1
Malware	1
Spam	1
Bulkmail	1

- High: 2 tegengehouden bericht(en) deden zich voor als het eigen domein
- Attention: 3 bericht(en) met een nagebootste antwoordkop
- Attention: 3 bericht(en) in quarantaine wachten op beoordeling
- Attention: Inkomende connector 'Van on-prem scanner' vereist geen TLS
- High: Uitgaande connector 'Naar mailarchivering' stuurt naar een smart host

Microsoft Defender & Purview - Alerts

Open: 5 | High and open: 3 | Unassigned: 3 | Total 7 over 30 days

Detection sources: Defender for Office 365: 2 | Purview DLP: 2 | Entra ID Protection: 1 | App Governance: 1 | Defender for Endpoint: 1

Alert	Severity	Source	Owner
Aanmelding vanaf anoniem IP-adres	High	Entra ID Protection	noor@demo.mkcloudit.exam
Verdachte inbox-regel stuurt post naar een extern adres	High	Defender for Office 36	unassigned
BSN gedeeld met externe ontvanger	High	Purview DLP	noor@demo.mkcloudit.exam
Ongebruikelijke OAuth-toestemming voor een niet-geverifieerde app	Attention	App Governance	unassigned
Verouderde signature op een beheerd apparaat	Low	Defender for Endpoint	unassigned

Threat Intelligence - Dark Web Monitoring

Domain:demo.mkcloudit.example

Total breaches: 5 | High risk: 2

Needs follow-up: 4 | With passwords: 2

This check shows breaches where the service behind this domain was itself compromised. Per-user exposure requires a verified domain and a paid HIBP subscription.

Breach	Year	Kind	Breach size	Data classes
Demo Infostealer Log 2026	2026-08-04	Infostealer	1.482.390	Email addresses, Passwords
Demo Marketing Platform 2025	2025-12-25	Breach	8.640.211	Email addresses, Passwords, Phone
Demo SaaS Exposure 2024	2024-10-29	Breach	512.004	Email addresses, Job titles, Names
Demo Lead List 2023	2023-05-07	Spam list	41.920.558	Email addresses, Names, Job titles
Demo Forum Dump 2019	2019-05-19	Unverified	2.310.777	Email addresses, Usernames

"Breach size" is the total number of accounts in that breach worldwide, not the number of accounts in this tenant.

Attack Paths & Ghost Admins

Attack paths: 1 | Crown-jewel risk: 2 | High-risk grants: 1

Ghost admin drift: High | Drift score: 50

newAdminRoles: 1 | removedAdminRoles: 0 | newHighRiskGrants: 1 | removedGrants: 1

Email Security & DNS

Domain:demo.mkcloudit.example

Overall DNS score: 93/100 | Rating: Good

DNS check	Status	Record / Detail
SPF	OK	v=spf1 include:spf.protection.outlook.com -all
DKIM	OK	selector1._domainkey -> selector1-demo-mkcloudit-example._domainkey.demo.onmicrosoft.com; selector2._domainkey -> selector2-demo-mkcloudit-example._domainkey.demo.onmicrosoft.com
DMARC	OK	v=DMARC1; p=quarantine; pct=100; rua=mailto:dmarc@demo.mkcloudit.example
BIMI	OK	v=BIMI1; l=https://demo.mkcloudit.example/logo.svg

Identity & Access Management

Multi-Factor Authentication

Measurement	Value
MFA registered	7
No MFA	1
Passwordless	3
Admins without MFA	0
Coverage percentage	88%

Admin Roles & Privileged Identity Management

Total role assignments: 5 | Global admins: 2 | High-risk roles: 2 | PIM-eligible: 1

User / Principal	Role	Type
Sven de Vries	Global Administrator	user
Noor Jansen	Security Administrator	user
Daan Bakker	Exchange Administrator	user
Demo Backup Connector	Helpdesk Administrator	servicePrincipal

Conditional Access

Policies active: 6 | Findings: 1

- Legacy authentication policy is still in report-only mode - The synthetic policy logs impact, but does not yet block.

Sign-in Risk & Identity Security

Identity Health Score: 82/100 | Rating: Good

Deduction	Impact	Detail
MFA	8	Mila Visser has no MFA method registered.
Conditional Access	6	The blocking policy logs impact, but does not yet...
Sign-ins	4	Attempts from NL, DE and US; no brute-force pattern...

Guest users: 8

Impossible travel events: 2

Password hygiene

Median age: 625 days | Oldest: 1592 days | Older than 1 year: 7

Tenant policy: passwords do not expire. This follows current Microsoft guidance.

An old password is not a violation in itself; it becomes a risk combined with missing MFA, admin rights or a known breach.

User	Severity	Age	Reason
Mila Visser	CRITICAL	527 d	Geen MFA geregistreerd; Wachtwoord ongewijzigd sinds...
Sem Meijer	CRITICAL	111 d	Microsoft Entra ID Protection meldt een gelekt...
Scanner Serviceaccount	HIGH	1592 d	Zwakke wachtwoorden toegestaan...
Sven de Vries	HIGH	889 d	Beheerdersrol met wachtwoord van 889 dagen oud;...
Sales Team	HIGH	625 d	Alleen SMS als tweede factor; Wachtwoord ongewijzigd...

User	Severity	Age	Reason
Finance Team	ATTENTION	1067 d	Wachtwoord ongewijzigd sinds voor het datalek van...
Daan Bakker	ATTENTION	262 d	Wachtwoord ongewijzigd sinds voor het datalek van...

Compliance & Regulations

NIS2 Readiness

Score: 72% | Rating: NIS2 measures demonstrable for 72% based on available technical and organisational evidence.

Critical gaps: 2 | Open actions: 0

Critical NIS2 gap	Domain
Article 23 has three deadlines: 24-hour early warning, 72-hour notification and a final report within one month. Document that third step as well.	Incident handling
NIS2 Art. 20: management must undergo cybersecurity training.	Cyber hygiene and training

Compliance Gaps (other)

Total: 2 | critical: 0 | high: 1 | medium: 1

Gap	Severity	Recommended action
Users without MFA	High	Enable MFA via Entra ID Security Defaults or Conditional Access.
OAuth-app met brede leesrechten	Attention	Bevestig eigenaar en noodzaak van de scopes; trek in indien onnodig.

External sharing and anonymous links

6	3	1	2
Shared items	Anonymous links	Editable	No expiry

1 file(s) can be modified by anyone holding the link.

External domains with access

Domain	Items
vanderberg.example	2
accountant.example	1

Scanned: 6 site(s) and 4128 item(s).

Devices and lifecycle

16	4	2	4
Devices	Out of support	Edition decides	Ends < 6 months

4 of 16 devices run a version that no longer receives security updates in any edition.

Versions in use

Version	Count	Updates end	Status
Windows 10 22H2	2	2025-10-14	No updates
Android 14 (patchniveau 2024-02-05)	1	-	No updates
Windows 11 22H2	1	2025-10-14	No updates
Windows 11 23H2	2	2025-11-11	Edition decides
Windows 11 24H2	4	2026-10-13	Ending soon
Windows 11 25H2	2	2027-10-12	Supported
Android 15 (patchniveau 2026-06-01)	1	-	Supported

"Edition decides" means the build number does not reveal whether this is Home/Pro, Enterprise or LTSC. Verify the edition before acting.

3 device(s) on iOS or macOS are not assessed: Apple publishes no end date per version.

Source: Microsoft Lifecycle (learn.microsoft.com/lifecycle), checked on 2026-07-31.

Attention points

- 1 jailbroken or rooted
- 1 have less than 10% free disk space

Mailbox Health & Email Security

Total mailboxes analyzed: 11

Issues found per category

Issue code	Number of mailboxes
NO_EXCHANGE_PLAN	3
MFA_NOT_REGISTERED	1
SIGN_IN_RISK	1
STORAGE_HIGH	1
STORAGE_ELEVATED_NO_ARCHIVE	1
AUTO_REPLY_ALWAYS_ENABLED	1
EXTERNAL_FORWARDING_RULE	1

Mailboxes with attention points (3)

User	Status	Primary issue
Mila Visser	RED	No MFA method registered for this account.
Sem Meijer	AMBER	Automatisch antwoord staat zonder einddatum ingeschakeld.
Sales Team	RED	Automatic forwarding rule to an external address is active.

OneDrive & SharePoint Storage Analysis

Storage	Used	Allocated	Usage %	Info
SharePoint total	471.2 GB	1.1 TB	42.8%	4 sites
OneDrive total	199.3 GB	7.8 TB	2.5%	8 users

SharePoint Sites (4)

Site	Used	Allocated	Usage %
Projecten & Klantmigraties	220.0 GB	500.0 GB	44.0%
NIS2 & Compliance	112.0 GB	250.0 GB	44.8%
Gedeelde Organisatiedocumenten	71.2 GB	150.0 GB	47.5%
Management & Beleid	68.0 GB	200.0 GB	34.0%

OneDrive per user (top 8)

User	Used	Allocated	Usage %
Noor Jansen	74.0 GB	1000.0 GB	7.4%
Daan Bakker	61.0 GB	1000.0 GB	6.1%
Sven de Vries	29.0 GB	1000.0 GB	2.9%
Lotte Smit	17.0 GB	1000.0 GB	1.7%
Mila Visser	9.0 GB	1000.0 GB	0.9%
Sem Meijer	6.0 GB	1000.0 GB	0.6%
Finance Team	2.0 GB	1000.0 GB	0.2%
Sales Team	1.3 GB	1000.0 GB	0.1%

Licenses & Cost Optimization

Findings: 6 | Opportunities: 1 | Informational: 2

Active license subscriptions

SKU / Product	Assigned	Available	Total
Microsoft 365 E3	18	-18	0
Microsoft 365 Business Premium	40	-40	0
Microsoft 365 Business Basic	17	-17	0
Microsoft 365 E5	9	-9	0
Exchange Online (Plan 1)	6	-6	0
Power BI Pro	3	-3	0
Entra ID P1	12	-12	0
Entra ID P2	8	-8	0
Microsoft Intune	20	-20	0
Microsoft Defender for Office...	18	-18	0
Visio Plan 2	2	-2	0
Project Plan 3	1	-1	0

Economist - findings & recommendations

Finding	Type	Impact
25 E3-seats ingekocht, 18 toegewezen; 7 seats staan ongebruikt.	Opportunity	EUR 224.00/mo
Account uitgeschakeld op 12-05-2026; licentie Microsoft 365 E3 nog actief.	Risk	EUR 32.00/mo
Aanmelden geblokkeerd; Microsoft 365 E3 en Power BI Pro blijven doorlopen.	Risk	EUR 46.00/mo
Serviceaccount met Microsoft 365 E3 en Microsoft Defender for Office 365 Plan 1; hoort een app-identity te zijn.	Risk	EUR 38.00/mo
18 van 18 E3-toewijzingen lopen via de groep 'Licentie - Microsoft 365 E3'.	Info	
Gebruiker heeft een actieve licentie voor Teams (nooit gebruikt) en OneDrive (nooit gebruikt). Dit telt los van de algemene inlogactiviteit (die is wel actief).	Info	

License expiry alerts

- Visio Plan 2 is vijf dagen geleden verlopen.
- Defender for Office 365 verloopt binnen negen dagen.
- Power BI Pro moet binnen 24 dagen worden verlengd.
- Teams Premium Trial eindigt over twaalf dagen; beslis over omzetting.

Compliance Frameworks

CIS Microsoft 365 Foundations Benchmark v3.0

Score: 87.2% | Passing: 34 | Failing: 5 | Manual: 3

Synthetische demo-uitkomst. CIS-beoordeling is gebaseerd op technisch waarneembare signalen; controls met status 'manual' vragen organisatorisch bewijs.

Section	Score	Status
1. Identity and Access Management	81.8%	OK
2. Application Permissions	66.7%	Attention
3. Data Management	100.0%	OK
4. Exchange Online	80.0%	OK
5. SharePoint and OneDrive	100.0%	OK
6. Microsoft Teams	100.0%	OK
7. Audit and Monitoring	100.0%	OK

CIS Critical findings (4)

- [1.2.1] MFA voor alle gebruikers
  Dwing MFA af voor Mila Visser via Conditional Access.
- [2.1.2] App-toestemmingen periodiek gereviewd
  Beoordeel de consent van 'Demo Invoice Sync' en trek in indien onnodig.
- [4.1.1] Extern doorsturen geblokkeerd
  Valideer het zakelijke doel en verwijder de forwardingregel.
- [4.2.3] DMARC op p=reject
  Verhoog stapsgewijs naar p=quarantine en daarna p=reject.

ISO/IEC 27001:2022 Annex A - technical evidence overview

Technical evidence score: 73.4% | Evidence present: 21 | Partial: 5 | No evidence: 2 | Manual only: 4

Synthetische demo-uitkomst. ISO 27001:2022 beoordeling is gebaseerd op technisch waarneembare signalen; controls zonder technisch bewijs vragen organisatorische onderbouwing.

ISO 27001 controls with missing/partial technical evidence (7)

Control	Status	Finding
A.5.18	PARTIAL	5 permanente roltoewijzingen, 1 PIM-eligible.
A.5.23	PARTIAL	Cloudgebruik en service health worden gemonitord.
A.5.30	FAIL	Back-upherstel is niet binnen 12 maanden getest.
A.7.2	FAIL	Geen bewijs van fysieke toegangscontrole aangeleverd.
A.8.2	PARTIAL	2 Global Admins, 2 hoog-risico rollen, 1 PIM-eligible.
A.8.5	PARTIAL	MFA-dekking 87,5%; 1 gebruiker alleen SMS.
A.8.13	PARTIAL	Back-upapplicatie gedetecteerd; archivering op 3 van 11 mailboxen.

Top Recommendations

The action items below are automatically compiled based on detected findings, ranked by risk. Verify findings with your security team before taking action.

1. **HIGH** **Dark web breaches**
   Domain appears in 5 data breach(es). Force a password reset for affected users.

2. **HIGH** **Attack paths present**
   1 attack paths detected. Review the Attack Path section in the dashboard.

3. **HIGH** **MFA coverage below 90%**
   Current MFA coverage is 88%. Roll out MFA via a Conditional Access policy (MFA requirement).

4. **MEDIUM** **NIS2 gap**
   Article 23 has three deadlines: 24-hour early warning, 72-hour notification and a final report within one month. Document that third step as well.

5. **MEDIUM** **NIS2 gap**
   NIS2 Art. 20: management must undergo cybersecurity training.

6. **OPPORTUNITY** **Cost optimization**
   25 E3-seats ingekocht, 18 toegewezen; 7 seats staan ongebruikt.

This report is generated by M365 Dashboard and is intended solely as a technical summary. Consult a certified security advisor for binding compliance advice. Tenant slug: demo.mkcloudit.example | Report date: 10-09-2026 11:40 UTC