

CHECKLIST

Cloud Security Configuration Checklist

A practical guide to hardening Microsoft 365, Google Workspace, and similar cloud platforms.

Cloud platforms are now the primary target for attackers — cyber companies report cloud-focused attacks outpacing on-premises attacks by a wide margin. Most cloud breaches trace back to misconfiguration, not a sophisticated exploit. Use this checklist to close the most common gaps.

Identity & Access

- ☐ **Enforce multi-factor authentication** for every user, with no exceptions for admins.
- ☐ **Enable conditional access policies** restricting sign-in by location, device, and risk level.
- ☐ **Review privileged/admin role assignments** on a recurring schedule — remove standing admin access where possible.
- ☐ **Disable legacy authentication protocols** that allow MFA to be bypassed.

Data Protection

- ☐ **Enable data loss prevention (DLP) policies** for sensitive data types (PII, PHI, financial data).
- ☐ **Review and restrict external sharing defaults** for files, folders, and calendars.
- ☐ **Enable encryption for data at rest and in transit** (typically on by default — verify it hasn't been disabled).

Admin & Audit Controls

- ☐ **Enable unified audit logging** and retain logs for a defined period.
- ☐ **Alert on impossible-travel and risky sign-in events** using built-in or third-party detection.
- ☐ **Review third-party app permissions (OAuth grants)** and revoke unused or overly-permissive apps.

Email Security

- ☐ **Configure SPF, DKIM, and DMARC** on all sending domains.
- ☐ **Enable safe links / safe attachments (or equivalent)** for inbound threat filtering.

Device & App Management

- ☐ **Enroll devices in mobile device management (MDM)** to enforce encryption and screen-lock policy.

- ☐ **Restrict access from unmanaged/unknown devices** for sensitive applications.

Cyber companies report a roughly 30-to-1 ratio of cloud-focused attacks versus on-premises — the cloud is where the majority of today's attack activity is happening. (Source: industry threat reporting; verify current figures before publishing.)

Not Sure Your Cloud Environment Is Locked Down?

Cenova Cyber offers a free cloud security configuration review for M365 and Google Workspace.

Contact us to schedule yours.

www.cenovacyber.com