liongard

CHECKLIST

Cyber Readiness Assessment Checklist

A comprehensive risk assessment is key to identifying security gaps before they become threats. **Proactive security** measures help prevent breaches and ensure compliance. By assessing risks across networks, endpoints, and identities, organizations can strengthen defenses, minimize cyber exposure, and better **manage their attack surface.**

1 External Readiness Assessment

- **Domain & Subdomain Enumeration** – Detect abandoned or forgotten web assets.
- **SSL/TLS Security Review** – Identify expired or weak certificates.
- **Public-Facing IP & Service Inventory** – Detect unnecessary open ports and exposed services.
- **Third-Party & Supply Chain Risks** – Assess security posture of third-party integrations.

2 Identity & Access Readiness Assessment

- **Privileged Account Review** – Identify overprivileged accounts and enforce least privilege.
- **User Access Audit** – Identify stale, inactive, or unauthorized accounts.
- **Multi-Factor Authentication (MFA) Enforcement** – Ensure MFA is enabled for all critical systems.
- **Service Account & Audits** – Ensure non-human accounts are properly secured.
- **Password Policy & Credential Security** – Validate enforcement of strong passwords and rotation policies.

liongard

3 Network & Endpoint Readiness Assessment

- **Inventory of Network Assets** – Identify and document all active IPs, workstations, servers, and network devices.
- **Unsecured Endpoints** – Identify unmanaged or outdated devices that could be exploited.
- **Remote & BYOD Devices** – Assess security controls on remote and personal devices accessing the network.
- **Firewall & IDS/IPS Config Review** – Validate firewall rules, intrusion prevention settings, and security control configs.

4 Cloud & SaaS Readiness Assessment

- **Cloud Account Security Posture** – Evaluate security settings in Microsoft 365, AWS, Azure, and Google Cloud.
- **SaaS Access & Shadow IT Detection** – Identify unauthorized cloud services in use.
- **Cloud Storage & Collaboration Tools** – Assess risk exposure from misconfigured cloud storage.
- **Identity & Access Controls** – Review role-based access and least privilege enforcement.

5 Software & Application Readiness Assessment

- **Vulnerability Management Program –** Ensure patching and updates for all software.
- **EOL (End-of-Life) Software Detection –** Identify and replace unsupported applications.
- **Third-Party & Open-Source Risk Analysis –** Assess risks from software dependencies.
- **Application Hardening & Secure Configurations –** Validate compliance with CIS benchmarks.
- **Software Supply Chain Risks –** Monitor risks from third-party software and libraries.

liongard

6 Threat & Vulnerability Readiness Assessment

- **Attack Surface Scanning & Monitoring –** Continuously assess exposure to cyber threats.
- **Misconfigurations & Policy Violations –** Identify cloud, network, and endpoint security gaps.
- **Threat Intelligence & Dark Web Monitoring –** Track credential leaks and emerging threats.

7 Compliance & Governance Assessment

- **Regulatory Compliance Review** – Ensure alignment with frameworks such as NIST CSF and CIS CSC.
- **Incident Response & Recovery Plan Evaluation** – Verify readiness for security incidents.
- **Asset Configuration Documentation** – Maintain continuously updated IT Documentation.
- **Risk Scoring** - Integrate risk scores into risk register and track status over time

Proactive security starts with visibility – know your risks, protect your assets, and stay resilient.

About Liongard

Liongard is the leading Attack Surface Management platform designed for MSPs, MSSPs and IT Service Providers. Liongard protects the attack surface of over 70,000 end customers by providing complete visibility into all IT assets. With over 80 integrations, Liongard empowers service providers to discover and inventory cyber assets, automate documentation, identify misconfigurations, and ensure cyber insurance defensibility. By transforming how providers manage IT, Liongard enables them to operate more efficiently, deliver cyber resilience at scale, and fuel business growth.

For more information, visit www.liongard.com.

liongard