edgescan™

CIS Controls Mapping DATASHEET

CIS Controls™ and CIS Benchmarks™ are global industry best practices endorsed by leading IT security vendors and governing bodies. They are an excellent foundation for promoting good security practice across the enterprise for your digital assets.

The Edgescan Fullstack Vulnerability Intelligence Service allows you to see where you are falling in and out of step with current CIS controls.

Control 1: Inventory and Control of Hardware Assets

Edgescan enables organizations to discover and identify devices via continuous profiling and API discovery features.

Control 2: Inventory and Control of Software Assets

Edgescan automatically scans systems and web applications to check them for known vulnerabilities, known malware, and other potential risks.

Control 3: Continuous Vulnerability Management

Edgescan enables continuous fullstack vulnerability detection and management through scanning across both web applications, APIs and supporting host infrastructure.

Control 4: Controlled Use of Administrative Privileges

Edgescan can detect weak system administration controls, test for weak and default passwords. Penetration testing can provide guidance and controls to ensure adequate protections are in place for privileged/ administration accounts.

Control 5: Secure Configurations for Hardware and Software on Mobile Devices, Laptops, Workstations, and Servers

Edgescan can deliver fullstack scanning across the modern networks and cloud deployments to identify misconfigurations and associated risks.

Control 7: Email and Web Browser Protections

Edgescan can provide testing of the email and web browser protections in place via vulnerability scanning or penetration testing services. Ensuring controls are suitable and provide adequate protection for your users.

Control 8: Malware Defences

Edgescan can detect weaknesses and vulnerabilities associated with common malware attacks. It can also detect uncommon ports or open endpoints associated with malware attacks and common data breaches.

Control 9: Limitation and Control of Network Ports, Protocols, and Services

Edgescan can assess entire CIDR IP ranges across ports and protocols, identify running services, and test host-based firewalls for susceptibility to attack and alert you of any detected risks in real-time.

Control 11: Secure Configuration for Network Devices, such as Firewalls, Routers, and Switches

Edgescan scans existing across networking devices, Web applications and APIs to identify misconfigurations and vulnerabilities.

Control 12: Boundary Defence

Edgescan scans perimeter endpoint including remote access protocols like VPN, and effectively assess exposed defences against effective attacker techniques.

Control 13: Data Protection

Edgescan can identify passwords and other sensitive data available in plaintext, detect risks related to data theft and exfiltration, and identify exposed data rich systems such as databases or APIs

Control 14: Controlled Access Based on the Need to Know

Edgescan can assess across the full stack and detect exposed data and weak access points on a continuous basis. From APIs to Web applications to system administration panels and S3 buckets edgescan and determine if access is controlled adequately.

Control 15: Wireless Access Control

Edgescan internal scanning can help identify rogue wireless access points and detect unknown devices connected to the wireless network to reduce threats from this attack vector.

Control 16: Account Monitoring and Control

Edgescan can detect weak system authentication controls, test for weak and default passwords, unencrypted authentication endpoints and APIs and alert on any potential authentication-based risks.

Control 17: Implement a Security Awareness and Training Program

Edgescan can help organizations assess the security skills of development and system administration employees through leveraging the metrics and intelligence via continuous scanning. Helping you focus on problem-based education.

Control 18: Application Software Security

Edgescan can easily assess and validate custom applications, APIs third-party software, Networks and databases to identify vulnerabilities and produce false positive free remediation recommendations and vulnerability intelligence.

Control 19: Incident Response and Management

Edgescan can be used to detect weaknesses, vulnerabilities and risks associated with your estate post incident on an on-demand basis.

Control 20: Penetration Tests and Red Team Exercises

Edgescan's pen testing as a service (PTaSS) can simplify penetration testing operations and track risks throughout the vulnerability lifecycle to help organizations address issues to help prevent future gaps from arising.

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CIS 7.1 Controls Mapping	External IP Monitoring	Penetration Testing	Vulnerability Management
CIS#1. Inventory and Control of Hardware Assets	✓		
CIS#2. Inventory and Control of Software Assets	✓		
CIS#3. Continuous Vulnerability Management	✓		✓
CIS#4. Controlled Use of Administrative Privileges		✓	
CIS#5. Secure Configuration for Hardware and Software on Mobile Devices, Laptops, Workstations and Servers		✓	✓
CIS#6. Maintenance, Monitoring and Analysis of Audit Logs			
CIS#7. Email and Web Browser Protections		✓	✓
CIS#8. Malware Defenses	✓	✓	✓
CIS#9. Limitation and Control of Network Ports, Protocols and Services	✓	✓	✓
CIS#10. Data Recovery Capabilities			
CIS#11. Secure Configuration for Network Devices, such as Firewalls, Routers and Switches		✓	✓
CIS#12. Boundary Defense	✓	✓	✓
CIS#13. Data Protection	✓	✓	✓
CIS#14. Controlled Access Based on the Need to Know		✓	
CIS#15. Wireless Access Control		✓	✓
CIS#16. Account Monitoring and Control			✓
CIS#17. Implement a Security Awareness and Training Program			
CIS#18. Application Software Security		✓	✓
CIS#19. Incident Response and Management	✓		
CIS#20. Penetration Tests and Red Team Exercises	✓	✓	✓

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The Irish Advantage

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FULLSTACK VULNERABILITY MANAGEMENT

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