EVALUATION GUIDE

NIST Cybersecurity Framework Evaluation Guide

Building Cyber Resilience with Absolute

An estimated 68% of organizations suffered an endpoint attack in 2020. With the rapidly evolving cyber threat landscape, it's vital for companies to know where their endpoints are, take deep control of security actions on those devices, and ensure security controls repair themselves.

The NIST Cybersecurity Framework helps organizations understand their cybersecurity risks, and reduce threats, vulnerabilities, and impacts with customized measures. By implementing the framework, they can better respond to and recover from cybersecurity incidents, analyze root causes, and make improvements tosecurity controls.

The NIST CSF outlines specific actions that help organizations address cybersecurity challenges. Think of it as a blueprint: follow the architect's plans and you'll have a well-engineered structure. The five pillars or actions of the NIST CSF are:

1. **Identify**
2. **Protect**
3. **Detect**
4. **Respond**
5. **Recover**

Leading organizations rely on Absolute's persistent connection to devices, apps, and data to accelerate and improve their implementation of each pillar. The chart below identifies actions that all organizations must be able to perform, on all their devices, to comply with the NIST CSF.

IDENTIFY
PROTECT
DETECT
RESPOND
RECOVER

NIST Cybersecurity Framework | Endpoint Resilience

The Absolute platform delivers a comprehensive suite of capabilities that let you remotely and reliably implement each pillar of the NIST CSF.

Identify	Absolute Capability
Pinpoint each endpoint for a comprehensive inventory	✓
Identify authorized and unauthorized hardware and software	✓
Prioritize endpoints based on classification, criticality, and business use	✓
Benchmark device controls against security standards and policy	✓
Quantify risk based on device vulnerabilities and exposures	✓
Catalog device, data, user, and application relationships across the endpoint population	✓

Protect	Absolute Capability
Gain physical access control and geofencing for distributed endpoints	✓
Freeze, delete, and wipe devices remotely	✓
Persist remote access systems (e.g. VPN) on all endpoints	✓
Remotely wipe encrypted devices when lost or stolen and produce a certificate of sanitization	✓
Automatically check for data integrity in software, firmware, and cloud storage apps	✓
Control communication from endpoint to corporate network or domain	✓
Enable telemetry analysis and remote command for maintenance and repair	✓

Detect	Absolute Capability
Establish baseline behaviors for users, data, devices, and applications	✓
Unify asset intelligence across the device population	✓
Monitor user activity and enforce role-based security controls	✓
Score high-risk users with access to ePHI	✓
Access geotracking and user-device awareness	✓
Detect and log configuration changes	✓

Respond	Absolute Capability
Utilize dynamic remediation and control changes	✓
Perform role-based access control for in-console response commands	✓
Deliver continuous device logs and forensic documentation	✓
Isolate a device or group of devices for containment	✓
Push control changes to prevent spread of detected compromise	✓
Command hotfixes to mitigate indicators of exposure (IOEs)	✓

Recover	Absolute Capability
Enforce policies within device controls	✓
Monitor device use and locally accessed sensitive data	✓
Control incident investigations, digital forensics, and documentation	✓
Augment and push new controls for endpoint hygiene	✓
Instantly access documentation for continuous improvement to endpoint hygiene and data protection	✓

ABSOLUTE®

Absolute Software makes security **work**. We empower mission-critical performance with advanced cyber resilience. Embedded in more than 600 million devices, our cyber resilience platform delivers endpoint-to-network access security coverage, ensures automated security compliance, and enables operational continuity. Nearly 21,000 global customers trust Absolute to protect enterprise assets, fortify security and business applications, and provide a frictionless, always-on user experience.

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