

CYBERSECURITY



Cybercrimes

The Cost of Cybercrimes

Internet crime victim losses in 2020:	\$4.2 billion
The average cost of a ransomware attack:	\$1.85 million
Global cybercrime damages per second:	\$190,000
The average cost of cybercrime for organizations:	\$13 million

Source: FBI, Sophos, Cybersecurity Ventures, Accenture

It is estimated cybercrimes will cost the world \$10.5 trillion by 2025.

Illinois State Auditing Act

30 ILCS 5/3-2.4

Sec. 3-2.4. Cybersecurity audit.

(a) In conjunction with its annual compliance examination program, the Auditor General shall review State agencies and their cybersecurity programs and practices, with particular focus on agencies holding large volumes of personal information.

(b) The review required under this Section shall, at a minimum, assess the following:

- (1) the effectiveness of State agency cybersecurity practices;
- (2) the risks or vulnerabilities of the cybersecurity systems used by State agencies;
- (3) the types of information that are most susceptible to attack;
- (4) ways to improve cybersecurity and eliminate vulnerabilities to State agencies cybersecurity systems; and
- (5) any other information concerning the cybersecurity of State agencies that the Auditor General deems necessary and proper.

(c) Any findings resulting from the testing conducted under this Section shall be included within the applicable State agency's compliance examination report.

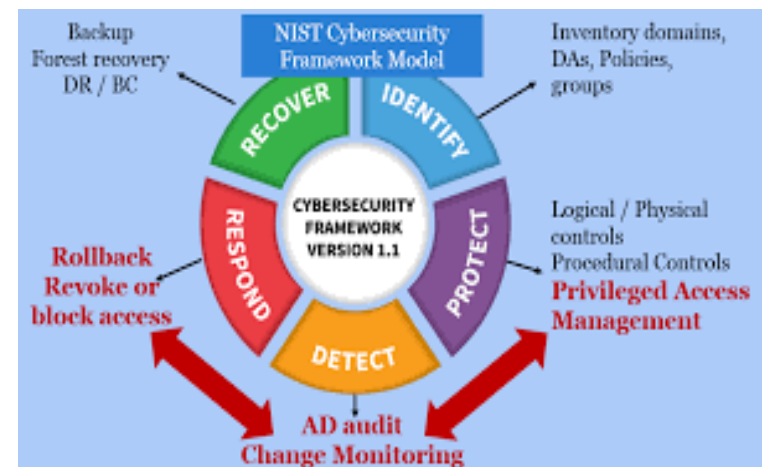
Effective January 1, 2019

NIST Cybersecurity Framework

The Cybersecurity Examinations are based off the NIST Cybersecurity Framework.

The Framework is comprised of five key functions

- Identify
- Protect
- Detect
- Respond
- Recover



Cybersecurity Findings

- June 30, 2019
 - 14 Agencies with findings
- June 30, 2020
 - 22 Agencies with findings (as of October 10, 2021)



CyberSecurity

REPORT CARD

Common Weaknesses

- Cybersecurity policies and procedures
- Risk assessments
- Cybersecurity training
- Data classification
- Implementation of controls to protect information

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