

**CISA National Cybersecurity Strategic Plan (FY2024-2026)**

**Cybersecurity and Infrastructure Security Agency**

E.J. Corpus

School of Cybersecurity, Old Dominion University

CYSE 425W: Cybersecurity Strategy and Policy

Professor Hamza Demirel

August 31, 2023

## **Overview of the Strategy**

Our nation has relied on technology more and more throughout the years and security is becoming more important as attackers steal sensitive information of organizations and innocent people. A new Cybersecurity strategy has been developed by CISA with three goals which are to Address Immediate Threats, Harden The Terrain, and Drive Security At Scale. Achieving these goals will make our nation more secure and lessen the amount of attacks and stolen information from hackers.

## **Intent of the Strategy**

The CISA Cybersecurity Strategic Plan was created to defend our systems and assets that run our critical infrastructure which are important to our national security, public safety, and economic prosperity. To achieve a fundamental degree of security, CISA wants to prepare a strong and successful model of defense that shares risk and responsibility as well as durability for our digital ecosystem.

## **How the Strategy is Applied**

This strategy aims to accomplish three main goals: Address Immediate Threats, Harden The Terrain, and Drive Security At Scale. “Address Immediate Threats” means they will make it harder for attackers to achieve their goals. “Harden The Terrain” will support the addition of solid practices for security and resilience which will reduce the likelihood of damage to systems. “Drive Security At Scale” to prioritize cybersecurity as a basic safety issue and request more security into products by technology providers. To achieve these goals, every aspect of their work must be analyzed including the hackers who attack their systems.

## **Implementing the Strategic Plan Nationally**

CISA describes its Strategic Plan as a mission of the whole nation. The Cybersecurity plan will develop a model where communication and collaboration are the default response and information on attacks is shared between the industries and the government. The Strategic Plan is mainly focused on trust with their partners. The plan will prioritize the maintenance of trusted relationships to further improve as a whole. CISA believes that every individual and organization plays a role in protecting our nation and in the case of failure, we fail as a whole.

## **Description of Strategy from Scholarly Journals**

The article by Infosecurity Magazine, written by Beth Maudrill, states that the Strategic Plan sets out a vision to plan and change the trajectory of the US national cybersecurity risk. CISA stated that the US is at a “moment of opportunity” after the Biden-Harris Administration announced the 2023 US National Cybersecurity Strategy.

In the article by HS Today, written by Bridget Johnson, was contacted by Former CISA Senior Advisor Katherin Ledesma stated she continues “to be encouraged by a consistent focus on a whole-of-nation approach to collective defense in recent strategy documents across the executive branch.” Former CISA Senior Advisor says the priority stakeholders are critical because they are a vital part of the ecosystem. CISA believes that “we must get the fundamentals right” to achieve their goals and create a long-term security endurance.

The article by Federal News Network, written by Jason Miller, goes over the 30 measures of effectiveness that include how CISA improved its time-to-detect cyber attacks and time to fix known exploited vulnerabilities. Also, the adoption of federal civilian agencies and the private sector tools they provide. In the Strategic Plan, under goal two, CISA provides capabilities and services that fill gaps in agency or private sector protections.

## References

Maundrill, B. (2023, August 4). *CISA announces 2024-2026 strategic plan*. Infosecurity Magazine.

<https://www.infosecurity-magazine.com/news/cisa-2024-2026-strategic-plan/>

Johnson, B. (2023, August 9). *New Cisa Cybersecurity Strategic Plan focuses on fundamentals to change the “trajectory of national cybersecurity risk” - HS Today*. Hstoday.

<https://www.hstoday.us/featured/new-cisa-cybersecurity-strategic-plan-focuses-on-fundamentals-to-change-the-trajectory-of-national-cybersecurity-risk/>

Miller, J. (2023, August 7). *The next step in CISA’s maturity is its new cyber strategic plan*. Federal News Network.

<https://federalnewsnetwork.com/cybersecurity/2023/08/the-next-step-in-cisas-maturity-is-its-new-cyber-strategic-plan/>