# **NIST CYBERSECURITY FRAMEWORK**



Education Law 2-d requires educational agencies to adopt a policy on data security and privacy that aligns with the NIST Cybersecurity Framework, or NIST CSF. At the center of the NIST CSF is the Framework Core, which is a set of activities and desired outcomes designed to help organizations manage data security and privacy risk. Districts will use the Target Profile, Current Profile, and Action Plan, described below, to apply these activities. To learn more about this requirement, agencies will review the NYS K-12 Target Profile, supplemental resources and Part 121.5 of the Regulations.

# MAIN COMPONENTS OF THE CYBERSECURITY FRAMEWORK

# **NIST FRAMEWORK CORE**



The Core is a set of **SPECIFIC ACTIVITIES TO MANAGE DATA SECURITY AND PRIVACY RISK**. The Core is organized into functions, categories, and subcategories.



# PROFILES AND EDUCATIONAL AGENCY ACTION PLANS

# TARGET **PROFILE**

## **CURRENT PROFILE**

## **GAP ANALYSIS**

#### ACTION PLAN















#### **STATE NYS K-12 TARGET** PROFILE DEVELOPED

common desired cybersecurity outcomes are prioritized in the NYS K-12 Target Profile

#### **AGENCIES DETERMINE** THEIR CURRENT PROFILE

educational agencies identify the current state of their cybersecurity activities in the Current Profile

#### AGENCIES ANALYZE AND **PRIORITIZE GAPS**

agencies identify gaps by comparing the profiles and then prioritize the mitigation of those gaps

#### **AGENCIES DEVELOP AND** IMPLEMENT ACTION PLANS

educational agencies develop plans to address gaps and adjusts practices in order to achieve the Target Profile

SUPPLY CHAIN