



**K12 SIX**

# **Get to Know K12 SIX: Your Partner in K-12 Cybersecurity**

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*K12 SECURITY INFORMATION EXCHANGE (K12 SIX)*

*MAY 7, 2024*

# Today's Speaker



## Doug Levin, Co-Founder and Director

- 30+ years working at intersection of education, technology, public policy, and research
- Formerly: EdTech Strategies, LLC (President), SETDA (Executive Director), NASBE (Deputy Director/COO), NCTA (Senior Director, Education Policy), AIR (Principal Research Analyst)
- Creator of *K-12 Cyber Incident Map*; frequent speaker and commentator
- Serve on both CISA and US Department of Education Cybersecurity Advisory Committees

# Today's Agenda

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- About K12 SIX and GRF
- Membership Benefits
- Impact
- How to Join
- Free Resources

# Tl;dr

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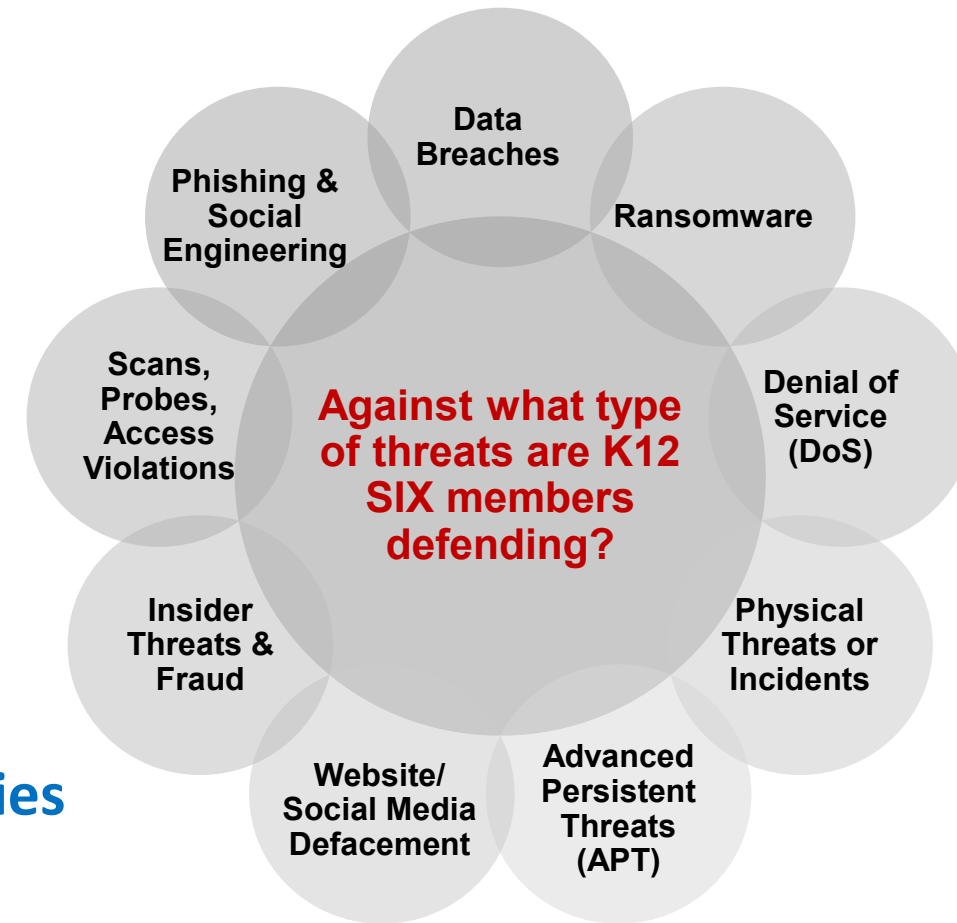


- The K12 Security Information eXchange (K12 SIX) is a non-profit membership organization for U.S. school systems and other K-12 organizations designed to build YOUR capacity to defend your school communities from the cyber threats they are facing today.
- We act as a trusted hub for K-12 neighborhood watch activities: sharing of K-12 specific threat intel and vulnerabilities, mutual support and aid, professional development, and policy advocacy.
- Founded out of belief that the K-12 needs and deserves its own cybersecurity advocate and support organization. We are stronger when we work together.

# K12 Security Information eXchange (K12 SIX)



- A Global Resilience Federation (GRF) member community, K12 SIX is a real-time cyber threat intelligence sharing hub **exclusively for schools**, to aid in preventing and mitigating cyber threats.
- This non-profit member community provides cost-effective collective defense by crowdsourcing security information among a vetted, trusted group of professionals with a common interest, using common technology and with supporting, independent analysis from the K12 SIX security team.



**Collective defense | Best practices | Model policies**  
**Professional development | Advocacy**

<https://www.k12six.org/member-benefits>

# About K12 SIX



## Who We Are

- Under the umbrella of the Global Resilience Federation (<https://www.grf.org/>), an information sharing and analysis center (ISAC) for the U.S. K-12 sector
- Non-profit, membership community focused on cybersecurity (i.e., IT/data confidentiality, integrity, availability) capacity building
- Trusted partner, thought leader, and advocate focused on helping you protect your school community from emerging cybersecurity threats
- Funded via school system memberships, supplemented by sponsorships

## Who We Aren't

- Not a seller/endorser of cybersecurity solutions; not an MSSP
- Not focused on K-12 physical security, nor on cybersecurity workforce development
- Not a general-purpose association for educational technology; not solely focused on student data privacy compliance



# *K12 SIX Membership Eligibility*

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K12 SIX membership is open to U.S. K-12 organizations, including:

- School districts
- Charter schools/charter management organizations
- Private/independent schools
- Regional education agencies
- State education agencies
- Other state-specific K-12 support organizations

→ With executed information sharing agreements, K12 SIX member school systems may designate MSP/outsourced K-12 IT staff as their K12 SIX representative.

# K12 SIX Annual Sponsors



IDENTITY  
AUTOMATION



Managed  
Methods



Threat  
Down™  
Powered by  
Malwarebytes



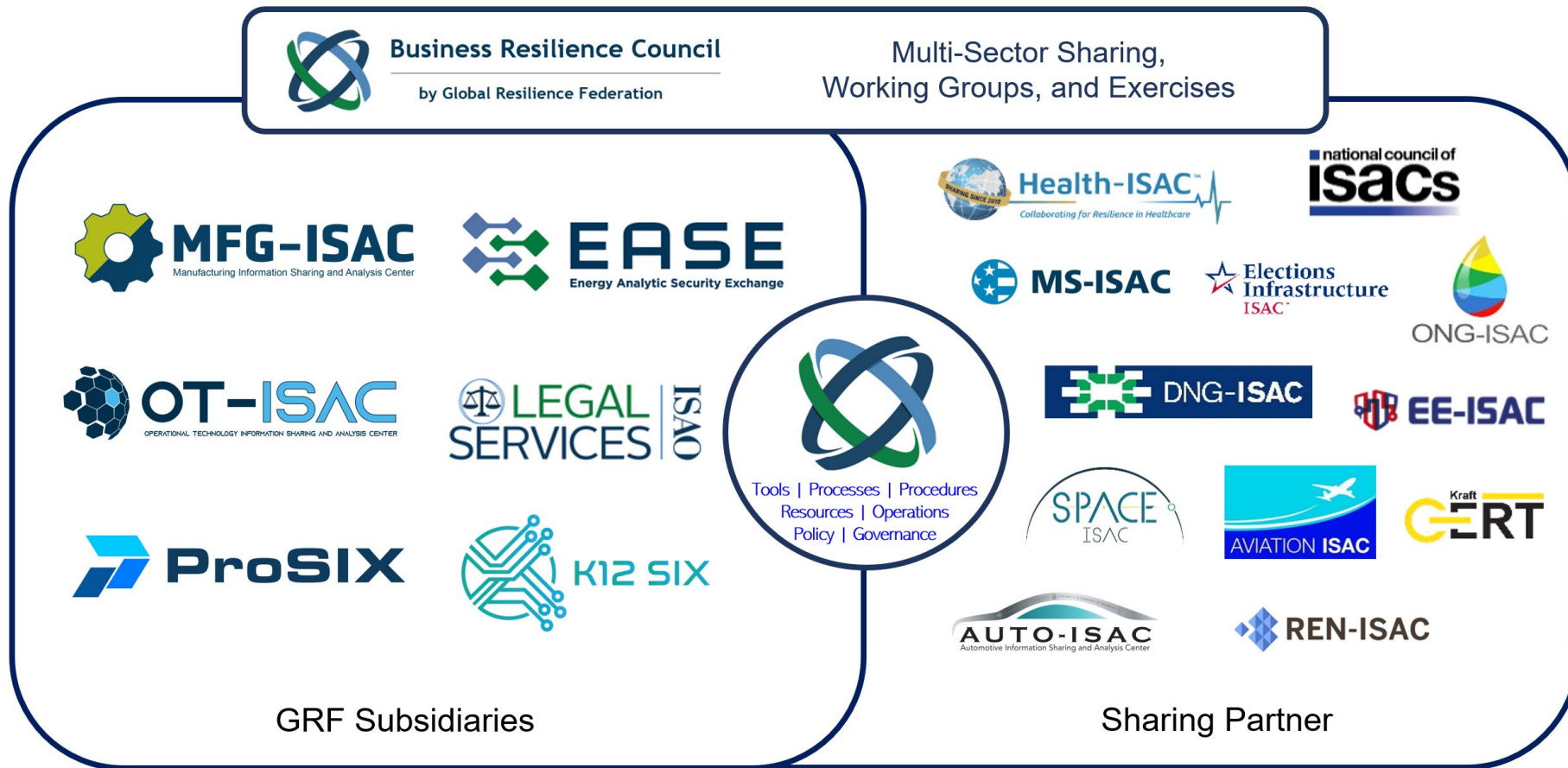
**PC Matic**





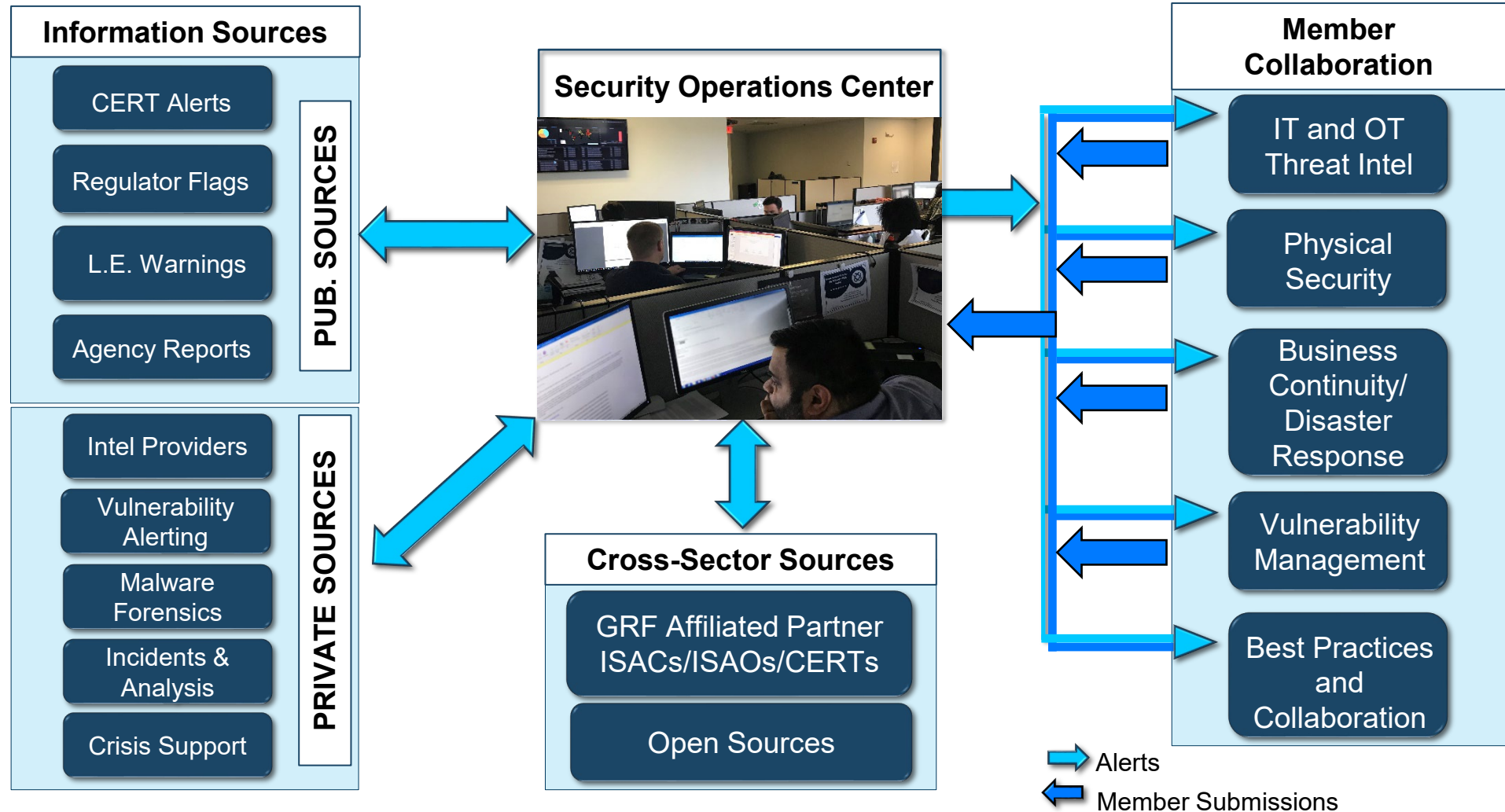
# The Federation Advantage

K12 SIX is a Global Resilience Federation (GRF) member community. GRF acts as an information hub: aggregating and analysing security information, disseminating actionable intelligence, and streamlining cross-sector collaboration.





# Global Resilience Federation Sharing Pathways





# *K12 SIX Membership Benefits*

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- K-12 focused cyber threat news, information, and analysis (continuously updated): news, events, incidents, threats, vulnerabilities, etc.
- Access to a secure, collaborative cyberthreat information sharing online portal and mobile app
- Summary weekly newsletters/reports, providing situational awareness on vulnerabilities, ransomware activity, and K-12 specific news
- Bi-weekly analyst-led threat briefings
- Weekly peer-to-peer ‘water cooler’
- Anonymized/secure peer-to-peer threat sharing/request for information facilitation
- Opportunities to contribute: technical working group, meeting participation, public speaking, etc.
- Priority access to National K-12 Cybersecurity Leadership Conference

# K12 SIX Cyware Situational Awareness Platform (CSAP): Primary Threat Intelligence Feed



The screenshot displays the K12 SIX CSAP interface. On the left, a sidebar contains navigation icons for home, filters, and a notification bell. The main content area is divided into two sections. The top section shows a list of alerts with columns for alert type (e.g., Announcement, Vulnerability Advisories, Informational), severity (TLP:WHITE), and time (e.g., 5 minutes ago). The bottom section shows a detailed view of an alert titled "Presidential Cybersecurity Education Award: Nominations Open". This alert includes a large banner with the K12 SIX logo, a detailed description of the award, a deadline, submission instructions, and a "Contact Analyst" button. To the right of the alert view, there is a "Discussions" section with an alert ID (aa921453), category (Announcement), and creation time (May 10, 2022, 11:15 AM). Below this, there are "Feedback" and "Relevancy" sections with star ratings and a "Content" section with another star rating. A "Contact Analyst" button is also present in this section.

- Available online and via mobile app (Android and iOS)
- Continuously updated, drawing from multiple intelligence sources
- Powerful search and filter functions
- Critical, K-12 specific alerts are also delivered via email to K12 SIX members

# K12 SIX CSAP: Crisis Notification System



**Crisis Profile** [Edit]

**1. Select Business Hours**  
Please enter your business hours, time zone, and voice preference.

Start Time: 08:00 | End Time: 19:00 | Time Zone: (GMT- 5:00) Eastern Time (US and Canada) | Voice Preference: Mary

**2. Add Contact Numbers**  
Please enter the emergency contacts for your organization.

Code\*: +1 | Phone Number: 5712671288 |  Send SMS

**3. Set Call Priority Order**  
Please specify the order of call priority for your emergency contacts.

| Priority | Weekday (Business Hours) | Weekday (After Business Hours) | Weekend    |
|----------|--------------------------|--------------------------------|------------|
| 1        | 5712671288               | 5712671288                     | 5712671288 |

- Allows for flexible 24/7 outreach to K12 SIX members (or their designees) in the event of a crisis

# K12 SIX CSAP: Document Library



CSAP K12 SIX Search CSAP + New

## Doc Library

All Files My Files & Folders Shared with me Starred

Filters

| Starred | Type | Name   | Size | TLP | Owner           | Last Modified          | Actions |
|---------|------|--|------|-----|-----------------|------------------------|---------|
| ☆       | 19   | Attachments from Member Submission                     | -    | ○   | A Staci Elliott | Jan 21, 2022, 03:04 PM | 🔗 ⓘ     |
| ☆       | 18   | Cybersecurity Best Practices                           | -    | ○   | A Jinny Kang    | Oct 14, 2020, 12:30 PM | 🔗 ⓘ     |
| ☆       | 8    | GRF Business Resilience Council - Geopolitical Reports | -    | ○   | A Staci Elliott | Apr 07, 2022, 10:22 AM | 🔗 ⓘ     |
| ☆       | 141  | GRF COVID-19 Reports                                   | -    | ○   | A Jinny Kang    | Sep 30, 2020, 11:20 AM | 🔗 ⓘ     |
| ☆       | 1    | GRF Monthly Newsletter                                 | -    | ○   | A Staci Elliott | Apr 04, 2022, 12:23 PM | 🔗 ⓘ     |
| ☆       | 7    | K12 SIX Essential Protections Series                   | -    | ○   | A Doug Levin    | Sep 03, 2021, 12:16 PM | 🔗 ⓘ     |
| ☆       | 8    | Member Resources                                       | -    | ○   | A Jinny Kang    | Sep 17, 2020, 11:26 AM | 🔗 ⓘ     |
| ☆       | 38   | Monthly Member Meeting Archives                        | -    | ○   | A Jinny Kang    | Sep 23, 2021, 11:26 AM | 🔗 ⓘ     |
| ☆       | 74   | MS-ISAC Alerts   | -    | ○   | A Arshad Somani | Feb 22, 2021, 04:52 PM | 🔗 ⓘ     |
| ☆       | 4    | Public Partner Alerts                                  | -    | ○   | A Arshad Somani | May 03, 2021, 10:38 AM | 🔗 ⓘ     |

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- Central repository for all important reference documents, including archives of member meetings and events

# K12 SIX CSAP: Event Calendar



CSAP K12 SIX Search CSAP

## Events

Past Events 3 Upcoming Events 1

May 2022

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----|-----|-----|-----|-----|-----|-----|
| 25  | 26  | 27  | 28  | 29  | 30  | 1   |
| 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 9   | 10  | 11  | 12  | 13  | 14  | 15  |
| 16  | 17  | 18  | 19  | 20  | 21  | 22  |
| 23  | 24  | 25  | 26  | 27  | 28  | 29  |
| 30  | 31  | 1   | 2   | 3   | 4   | 5   |

Upcoming Events

**GRF Monthly Cross-Sector Collaboration Call**  
May 12, 2022 | 11:00 am - 12:00 pm  
Single day event

Download as ICS file

### K12 SIX Member Brown Bag: Data Breach Report Out

Starts Thu May 05, 2022 11:00 am Ends Thu May 05, 2022 12:00 pm

Location Microsoft Teams No URL Provided

Attend Maybe Not Attending

#### About Event

Report out on a recent district data breach... staff will share information on the attacker's TTPs, investigatory steps taken, resources used, cyber insurance engagement, and disclosure of the incident to the public and those directly impacted.

The goal is to share knowledge gained and to also learn from others who may have had similar experiences.

We will use Microsoft Teams for this meeting:

**K12 SIX Member Brown Bag: Data Breach Report Out**  
Thursday, May 5, 11-12PM ET

#### Microsoft Teams meeting

Join on your computer or mobile app  
[Click here to join the meeting](#)

Or call in (audio only)  
+1 540-491-4128, 615566981# United States, Roanoke  
Phone Conference ID: 615 566 981#  
[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

- Captures all regularly scheduled and ad hoc member meetings and events
- Exportable to K12 SIX member calendars

# K12 SIX CSAP: Portal Messenger



The screenshot shows the K12 SIX Portal Messenger interface. On the left is a sidebar with navigation options: Alerts, Groups, Direct Messages, and Topics. The main chat area displays a discussion titled "Illuminate Education/EduCLIMBER breach?". The discussion includes a message from Doug Levin (You) dated Apr 21, 2022, which contains two embedded news articles. The first article is from The Record by Recorded Future, titled "NYC officials call for investigation after data of 820,000 students compromised in hack". The second article is from THE Journal, titled "Classroom Cyberattack in January Compromised Personal Data of Over 800K NYC Students". Below the articles is another message from Doug Levin (You) dated Apr 22, 2022, stating "Just saw another breach report from a CO district. Seems to be focused so far on EduClimber...". The interface also features a search bar, a "+ New" button, and a "Start typing here ..." input field.

- Real-time secure chat functionality, similar to Slack/Teams
- Available online and via mobile app
- Ability to submit threat intel and requests for information





# *K12 SIX Impact*

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- Definitive source for publicly-disclosed K-12 cybersecurity incidents (K12 Cyber Incident Map)
- Publisher of K-12 Essentials Series of products
  - Essential Cybersecurity Protections and self-assessment
  - K-12 Cyber Incident Response Runbook
- RFIs: tabletop exercises, firewall optimization, MFA implementation, K-12 cybersecurity policies, etc.
- Ad hoc support: Confidential aid to K-12 cyber incident victims (proactive/upon request, districts/vendors); vendor/supply chain issues
- Partnerships with the federal government (ED, CISA) and national/state associations (SETDA, AASA, METAA, etc.)
- Keynotes, presentations; work widely cited by policymakers, media



# How to Join K12 SIX

- Visit [www.k12six.org](http://www.k12six.org)
- Click 'Join' button in upper right corner of your screen
- Fill out online application, pay annual membership dues (based on student enrollment/organization type)
- Schedule orientation

*Peace of mind for less than 1¢ per student per day*

| MEMBERSHIP CATEGORY                                     | STUDENT ENROLLMENT | ANNUAL FEE |
|---|--------------------|------------|
| <input type="radio"/> State/Regional Ed Agency or Other | -                  | \$1,500    |
| <input type="radio"/> Level I                           | Up to 2,499        | \$1,000    |
| <input type="radio"/> Level II                          | 2,500 - 4,999      | \$2,500    |
| <input type="radio"/> Level III                         | 5,000 - 9,999      | \$5,000    |
| <input type="radio"/> Level IV                          | 10,000 - 24,999    | \$7,500    |
| <input type="radio"/> Level V                           | 25,000 and over    | \$15,000   |

# K12 SIX Public Resources



- **The K-12 Cyber Incident Map:** <https://www.k12six.org/map> and “State of K-12 Cybersecurity: Year in Review” report series <https://www.k12six.org/the-report>
- **K12 SIX ‘Essentials’ Series:** <https://www.k12six.org/essentials-series>
  - Cybersecurity Frameworks: What K-12 Leaders Need to Know
  - K-12 Essential Cybersecurity Protections Series
  - **UPDATED:** K-12 Cyber Incident Response Runbook
- **National K-12 Cybersecurity Leadership Conference**
- **Public Webinar Series**





# Questions?

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Membership/partnership inquiries: [info@k12six.org](mailto:info@k12six.org) or <https://www.k12six.org/contact>

