A distributed denial of service (DDoS) attack can cost colleges and universities significant time and money, in addition to lost community confidence. Yet, many higher education institutions are unprepared to address these cybersecurity threats.

2,507 [章]



Average number of cyberattacks on higher education institutions each week.1

\$3.7 million

Average cost of a data breach in the higher education and training sector.²

DDoS threats are expanding

These large-scale attacks are designed to flood and overwhelm a college or university's internet connectivity. They impact websites, applications and services, preventing access to online resources for faculty, staff, students and alumni.

2/3 @ @

According to Gartner[®], "By 2026, organizations prioritizing their security investments based on a continuous threat exposure management program will realize a two-thirds reduction in breaches."3

Higher education network attacks can:

- Extort institutions for a ransom to stop the attack.
- Interrupt time-sensitive scientific research data collection.
- Disrupt scheduled activities or cause chaos.
- Overload a network and prevent access to educational tools and information.
- Hinder online collaboration among students or with external sources.

\$10/hr

Price on the dark web to attack an unprotected website with as many as 50,000 requests per hour.4

Reasons DDoS attacks are on the rise in higher education:



More unsecured connected devices make it easy to launch attacks.



to fend off attacks.

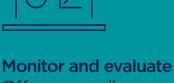


DDoS attack tools and instructions online.

DDoS protection To prevent disruptions across the campus and help protect data,

Implement a security strategy that includes

DDoS mitigation measures need to thwart attackers and prevent network downtime. An ideal solution will:



Offer your college or university comprehensive traffic evaluation that uses advanced analytics to identify anomalies indicating an attack.



detect, redirect and mitigate malicious traffic, minimizing the impact of attacks to your campus network.



24/7/365 network and security experts for swift issue resolution.

uniquely positioned to deliver the DDoS protection you need. Discover how DDoS Protection from Spectrum Enterprise® can help safeguard your campus network.

Be prepared, but don't go at it alone. A network services provider is

Learn more

e in 2023," Higher Ed Dive, August 1, 2023. 3 Richard Addiscott, Jeremy D'Hoinne, Chiara Girardi, Pete Shoard, Paul Furtado, Tom Scholtz, Anson Chen, William Candrick and Felix Gaehtgens, Top Trends in Cybersecurity for 2024," Gartner, January 2, 2024. Gartner is a registered trademark and service mark of Gartner, Inc. and/or its

1 Richard Twilley, "<u>Three Cybersecurity Facts Campus Leaders Should Know</u>," EDUCAUSE Review, September 5, 2023.

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- About Spectrum Enterprise

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