

# Is your campus network safe from DDoS attacks?



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**   
Average number of cyberattacks on higher education institutions each week.<sup>1</sup>

**\$3.7 million**  
Average cost of a data breach in the higher education and training sector.<sup>2</sup>

## 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."<sup>3</sup>

## 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.<sup>4</sup>

## Reasons DDoS attacks are on the rise in higher education:


  
**More unsecured** connected devices make it easy to launch attacks.


  
**Inadequate resources** to fend off attacks.


  
**Easy access** to affordable DDoS attack tools and instructions online.

## Implement a security strategy that includes DDoS protection

To prevent disruptions across the campus and help protect data, DDoS mitigation measures need to thwart attackers and prevent network downtime. An ideal solution will:

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

  
**Provide fast resolution**  
Quickly and automatically detect, redirect and mitigate malicious traffic, minimizing the impact of attacks to your campus network.

  
**Offer continuous support**  
Rely on always-available 24/7/365 network and security experts for swift issue resolution.

Be prepared, but don't go at it alone. A network services provider is uniquely positioned to deliver the DDoS protection you need. **Discover how DDoS Protection from Spectrum Enterprise® can help safeguard your campus network.**

[Learn more](#)

1 Richard Twiley, "Three Cybersecurity Facts Campus Leaders Should Know," EDUCAUSE Review, September 5, 2023.  
2 Natalie Schwartz, "Data Breaches Cost Higher Education and Training Organizations \$3.7M on Average 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 Gaetgens, "Top Trends in Cybersecurity for 2024," Gartner, January 2, 2024. Gartner is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.  
4 Miklos Zoltan, "Dark Web Price Index 2023," Privacy Affairs, April 23, 2023.

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