



Built for Business

# Security trends and insights in education

Learn more about protecting students and teachers wherever class is in session at [www.lenovo.com/education](http://www.lenovo.com/education)

Smarter  
technology  
for all

Lenovo



Education is seen as an easy target for attackers.

**4.8 million** education devices encountered malware in the last 30 days.<sup>1</sup>

**61% of nearly 7.7 million** enterprise malware encounters reported in the past month came from those in the education sector, making it the most affected industry.<sup>2</sup>

**889** cybersecurity-related incidents reported about U.S. K-12 public schools and districts from 2016 to the present.<sup>3</sup>



IT administrators must work for a higher grade when it comes to cybersecurity.

**54% of education IT administrators** know employees are using unknown or unapproved cloud apps.<sup>4</sup>

**69% of school districts** say they are proactive or very proactive at maintaining network security.<sup>5</sup>

**#1** priority for education IT leaders is cybersecurity.<sup>6</sup>



Lessons on digital defense are crucial for teachers and students.

**38% of teachers** in training and early-career teachers felt that their training prepared them to use technology effectively in the classroom.<sup>7</sup>

**90% of cyberattacks** start with phishing.<sup>8</sup>

**82% of educational organizations** don't track data sharing at all, or they do it manually.<sup>9</sup>

(1) <https://www.microsoft.com/en-us/wdsi/threats> (2) <https://edtechmagazine.com/k12/article/2020/06/cyberattacks-increasingly-threaten-schools-heres-what-know-perfcon> (3) <https://k12cybersecure.com/map/> (4) <https://www.cshub.com/attacks/articles/incident-of-the-week-educational-infrastructure-at-risk-of-invasive-breaches> (5) <https://www.cosn.org/focus-areas/leadership-vision/it-leadership-survey> (6) <https://edtechmagazine.com/k12/article/2020/06/cyberattacks-increasingly-threaten-schools-heres-what-know-perfcon> (7) <https://info.microsoft.com/ww-landing-Staff-Of-2030-Future-ReadyTeaching.html?cid=EN-US> (8) <https://edtechmagazine.com/k12/article/2020/06/cyberattacks-increasingly-threaten-schools-heres-what-know-perfcon> (9) <https://www.securitymagazine.com/articles/92366-educational-organizations-at-risk-of-data-security-incidents-during-covid-19-pandemic>

Lenovo reserves the rights to alter product offerings or specifications at any time without notice. Models pictured are for illustration purposes only. Lenovo is not responsible for typographic and photographic errors. Information advertised has no contractual effect. Lenovo may not offer the products, services or features discussed in this document in all countries. Promotions are for business customers only and are subject to availability. Promotions may be withdrawn or changed without prior notice.

Lenovo and the Lenovo logo are trademarks of Lenovo. All other trademarks are the property of their respective owners.

Lenovo • 8001 Development Drive • Morrisville, NC 27560