



A Broadband Awareness Initiative from the [Iowa Communications Network](#)

ICN's Virtual Cybersecurity Roadshow

Tuesday, October 20 from 1 PM – 3 PM.

A free virtual event geared towards ICN's authorized users.

[Get more information and register today!](#)



October 20, 2020



ERATE APPLICATION WINDOW

FCC Opens Second E-Rate Application Window for Funding Year 2020

During this second filing window, schools will be able to purchase additional bandwidth. The second filing window will close on October 16, 2020. Read for more details...

Source: Benton Institute

Education

[Codecademy Expands Online Coding Education](#)

The online learning platform launches a new student membership, as well as a partnership with Clever reaching high school teachers and their classrooms.

Source: eSchool News

[Shifting Safely to Online Learning Means Investing in Cyber](#)

As schools embark on a year of virtual or hybrid learning, hackers are seeking to exploit weaknesses in systems largely unprepared to fend off attacks.

Source: Government Technology

[Massachusetts Students Create Online Tutoring Service](#)

Two students in Northboro, Mass., have created a free online educational assistance tool called Aptitutor, which is essentially an online tutoring service.

Source: Center for Digital Education

[10 Museums You Can Explore Right Here, Right Now](#)

You can visit the Guggenheim, the Getty Museum and so many others for free? Today is a great day for a virtual museum tour!

Source: Iowa Dept of Education

Cybersecurity

[SANS introduces the first-ever SANS Cyber Camp for Teens](#)

If you're interested in a career in cyber security and you attend high school or junior high, this event

is for you!

Source: SANS Institute

[Take Me to the Cyber Ranges: New Series of Virtual Capture-the-Flag Cyber Challenges](#)

SANS has extended their free community cyber range schedule through the end of the year with new challenges available each month!

Source: SANS Institute

[Smart Device Hacks Are Up Since the Pandemic Started](#)

Researchers say smart devices are playing an increasing role in attacks against organizations. With many remote workers, unsecured smart devices offer an unprecedented vector for attack.

Source: Government Technology

[The Dangerous Attraction of Original Gangsters](#)

Users need to be mindful of the ways in which hackers can take over their accounts. Many people don't realize that backup email addresses can be used to gain access to their primary email accounts.

Source: KnowBe4

Digital Divide

[53% of Americans Say the Internet Has Been Essential During the COVID-19 Outbreak](#)

Americans with lower incomes are particularly likely to have concerns related to the digital divide and the digital "homework gap."

Source: PEW Internet

[The Farms of the Future Hinge on High-Speed Internet](#)

During a recent NTIA webinar, experts dissected the economic potential of and roadblocks to precision agriculture technology in rural America.

Source: Government Technology

[59% of U.S. parents with lower incomes say their child may face digital obstacles in schoolwork](#)

Communities are facing remote learning challenges as K-12 schools have shifted to online classes or went remote after positive COVID-19 tests.

Source: PEW Research

[Pennsylvania County Moves Ahead with \\$1.1M Broadband Plan](#)

Plan to expand broadband services in the northern part of the county after the ongoing COVID-19 pandemic has emphasized the need for connectivity.

Source: Government Technology

[WiFi Sign of the Times as New Yorkers Gather Outside Libraries for Free Internet](#)

People without internet service at home or with limited service on their phones huddle near some of the city's 207 branches for access at all hours.

Source: The City NY

Government

[CISA & the Election Assistance Commission Develop Risk Profile Tool for Election Officials](#)

The new tool is designed to help state and local election officials understand the range of risks they face and how to prioritize mitigation efforts.

Source: Cybersecurity & Infrastructure Security Agency

[Research Suggests State Broadband Policies Make a Difference](#)

A new article presents evidence that local areas generally fare better when states award broadband money to providers and allow municipalities to get into the broadband business.

Source: Government Technology

[Georgia Bureau of Investigation Grows Cybercrime Task Force](#)

The newest addition to the state law enforcement agency grew out of an increasing need to hunt down child exploitation and cybercriminals in the state.

Source: Government Technology

[The First True Smart City Blossoms in Georgia's Peachtree Corners](#)

The city founded the Curiosity Lab, a huge facility designed to help industry test new technology.

Source: Nextgov

Healthcare

[Health and Human Services Underscores Importance of Tech in First-Ever Rural Health Plan](#)

The report argues for expansion of telehealth, which would require investment, relaxing some current regulations and attention on gaps in connectivity in rural America.

Source: Government Technology

[FDA Touts mHealth Expertise With Digital Health Center of Excellence](#)

The new center aims to develop best practices and improve regulatory oversight of the fast-growing landscape of mHealth and telehealth tools, including wearables, apps.

Source: mHealth Intelligence

The Iowa Communications Network is a state-of-the-art fiber optic network providing high-speed Internet, data, voice, security, and consulting [services](#) to Iowa's healthcare, education, government, and public safety sectors.