A Broadband Awareness Initiative from the [Iowa Communications Network](#)
Weekly Update: May 12, 2022

Make an Impact... Encourage Students to Apply!
Students discuss broadband topics, learn about Iowa technology companies,
and discover tech careers. [Share on LinkedIn](#)
Get more details and apply: [Statewide Youth Broadband Advisory Council (SYBAC)](#)

City, state cybersecurity programs follow Washington's lead

Federal actions like the executive order on cybersecurity or CISA's Shield Up warning can help reinforce state and local cybersecurity efforts.

Source: GCN

Iowa Focus

[Iowa Bitcoin Mining Facility Uses More Power Than Town Residents](#)
Grundy Center has one of the first large-scale cryptocurrency mining sites in Iowa and the company wants to expand with five more locations in Eastern Iowa.
Source: Governing

Sector Focus

Government

[Douglas County, Ore., Sees $28M Annually from Fiber Internet](#)
In 2000, the first connections were made to medical centers in the city of Roseburg. Residents started receiving fiber Internet by 2003. And by 2005, most of the county's schools, hospitals and other anchor institutions were added to the system.
Source: Government Technology

Healthcare

[How Far Has Telehealth Actually Come?](#)
Emerging research paints a nuanced picture of the evolution of telehealth. The author discusses successes, challenges and progress.
Source: Forbes

[Various Strategies Can Guide the Future of Telehealth](#)
As telehealth claims a more prominent place in care delivery, researchers noted that various efforts could continue service enhancement while reducing costs, avoiding fraud and abuse, and increasing patient utilization.
Source: mHealth Intelligence

Education

[Universities can't expect to grow cyber workforce with 'antiquated methods'](#)
In addition to degree-seeking students, schools also need to expand offerings for less-traditional learners seeking to join the cyber workforce, like military members transitioning out of duty, law enforcement professionals interested in cybercrime and people seeking an overall career change.
Source: EdScoop

[4 Ways Artificial Intelligence (AI) Will Be A Great Teaching Assistant](#)
Setting aside any liabilities that could come with AI, the author discusses how AI in the classroom is beneficial.
Source: The Tech Edvocate

Public Safety

[FirstNet boosts in-building coverage](#)
A new investment will deploy small-cell technology to boost indoor network coverage at police headquarters, fire stations, emergency communication centers, other critical sites & temporary field locations.
Source: GCN

[Motorola Solutions to lead CISA-recognized cybersecurity group for public safety](#)
Public-safety members of the Public Safety Threat Alliance (PSTA) will be able to share cyberthreat information and analyze such information from multiple sources.
Source: Urgent Communications

Cybersecurity

[Feds Warn of Insider Cybersecurity Threat to Health Care](#)
In a recent brief, negligent insiders account for 61 percent of insider threat incidents, while only 16 percent are from malicious insiders. The remaining 25 percent are connected to stolen credentials.
Source: Med Cloud Insider

[Hackers find 122 vulnerabilities — 27 deemed critical — during first round of DHS bug bounty program](#)
The researchers, vetted by the agency before participating, were eligible to receive between $500 and $5,000 for verified vulnerabilities, depending on the severity.
Source: CyberScoop

Digital Divide

[How Can the United States Address Broadband Affordability?](#)
Challenges posed by high monthly bills and the costs of access for low-income households require different solutions
Source: Pew Trusts

[Need help finding broadband grants? Tool helps sift through opportunities](#)
To make it easier for communities to find federal grants for their broadband and smart city projects, US Ignite launched the Federal Funding Opportunity Tool.
Source: GCN

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.