



## News & Updates

### Cyber-Attacks By the Numbers

Cybersecurity statistics give readers a better idea of the current state of overall security. We want to share a few findings from *60 Must-Know Cybersecurity Statistics for 2019*, published by Varonis.

- In 2016, 3 billion Yahoo accounts were hacked in one of the biggest breaches of all time.
- According to 2017 statistics, there are over 130 large-scale, targeted breaches in the U.S. per year, and that number is growing by 27 percent per year.
- The average cost per lost or stolen records per individual is \$141 — but that cost varies per country. Breaches are most expensive in the United States (\$225) and Canada (\$190).
- Malware and web-based attacks are the two most costly attack types — companies spent an average of US \$2.4 million in defense.

[Cyber-Attacks By the Numbers](#)

### FCC Seeks Comments for E-rate Modifications

The Federal Communications Commission (FCC) released a Notice of Proposed Rulemaking that proposes to make the Category Two budget approach permanent, and also seeks comment on potential modifications that could simplify the budgets, decrease the administrative burden of applying for Category Two services, and thereby speed the deployment of Wi-Fi in schools and libraries across the country.

Questions about commenting should be referred to [Pam Jacobs](#), Iowa Department of Education.

[Read FCC 19-58 Notice](#)

### A New Broadband Law

On July 1, 2019, a new broadband law went into effect. The "Empower Rural Iowa Act" is aimed at growing opportunities in rural parts of the state by expanding grants to boost broadband. The following article from *We Are Iowa*, explains the importance of broadband in rural Iowa.

[Rural Iowa prepares for improved broadband access](#)

### New Commissioner Appointed

Steven Olson was appointed as a member of the Iowa Telecommunications and Technology Commission. The appointment requires confirmation by the Senate.

### Signup for ICN's Cybersecurity Roadshow

### Broadband Matters News

#### [Bridging the Digital Divide](#)

#### [E-Rate Updates Free Up Resources for New Classroom Technology Projects](#)

#### [TrickBot Malware May Recently Have Hacked 250 Million Email Accounts](#)

#### [The Cost Of Things: For Some Iowans, No Internet Choice At Any Cost](#)

#### [FCC updates funding mechanism for educational Wi-Fi](#)

#### [AT&T networks prepare for severe weather](#)

#### [Here's the role the government should play in setting AI standards, according to NIST](#)

#### [With Rural Health Care Stretched Thin, More Patients Turn To Telehealth](#)

#### [Digital Divide: Lack of internet access may affect homework, student performance](#)

#### [Demand for broadband in schools strong, E-Rate survey shows](#)

#### [Rural Iowa prepares for improved broadband access](#)

#### [Better Broadband Gets Better Scores for USDA Funding](#)

#### [1.5 Billion Gmail Calendar Users are the Target of a Crafty New Phishing Scam](#)

ICN's Cybersecurity Team will be traveling to locations to facilitate security discussions with our authorized users.

These **free** awareness sessions will present best practices and trends geared towards ICN's authorized users.



**Cedar Falls Roadshow**

**Sep 26, 2019 1 PM - 4 PM**

**Pocahontas Roadshow**

**Oct 10, 2019 1 PM - 4 PM**

**Council Bluffs Roadshow**

**Oct 29, 2019 1 PM - 4 PM**

**Ottumwa Roadshow**

**Oct 3, 2019 1 PM - 4 PM**

**Des Moines Roadshow**

**Oct 22, 2019 1 PM - 4 PM**

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