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ICN Firewall and DDoS Mitigation — TRF

Purpose

This appropriation is intended to enhance the ability of the Iowa Telecommunications and Technology Commission (ITTC) to provide protection from distributed denial of service (DDoS) attacks and to provide firewall protection. A DDoS attack occurs when a malicious entity sends more traffic to a network than the network can handle in order to overload it. This results in a Web server becoming flooded with traffic, causing Web-based services to become unavailable to online visitors. DDoS attacks are happening more often and increasing in severity and duration. Firewalls defend against unauthorized virtual access to the network.

The Iowa Communications Network (ICN), under the ITTC, provides telecommunications services to its authorized users, including high-speed flexible broadband Internet, data, voice (phone), security, and consulting services. Authorized users include K-12 schools, higher education, hospitals, health clinics, National Guard armories, libraries, and State and federal government.

Funding

The ICN received $2.1 million for this project from the Technology Reinvestment Fund (TRF) in FY 2021.

Related Statutes and Administrative Rules

Iowa Code chapter 8C

Budget Unit Number

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More Information

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