

1. Internet of Things: G/TBT/N/USA/2041 dated 28 August 2023

Notifying Member	United States of America
Type of Notification	Regular Notification
Economic relevance	Very High
Technical Relevance	Technical-New

Proposal in brief

- a. The US Federal Communications Commission (Commission) proposes a voluntary cybersecurity labeling program that would provide easily understood, accessible information to consumers on the relative security of an IoT device or product and assure consumers that manufacturers of devices bearing the Commission's IoT cybersecurity label adhere to widely accepted cybersecurity standards.
- b. The document seeks comments on the scope of the proposed cybersecurity labeling program, including comments on proposed definitions of an IoT device and an IoT product.
“NIST defines IoT devices as those devices that have at least one transducer (sensor or actuator) for interacting directly with the physical world and at least one network interface (e.g., Ethernet, Wi-Fi, Bluetooth) for interfacing with the digital world.”
- c. Commission also seeks comments on specific technical criteria for the cybersecurity labeling program, including:
 1. whether other criteria in addition to the IoT Criteria developed by the National Institute of Standards and Technology (NIST), should be considered.
 2. whether and how to develop administrable standards.
- d. Finally, the document invites comments on how to administer the cybersecurity labeling program, the appropriate means to fund the costs of running the program, and what program auditing, enforcement, disqualification and certification revocation processes and procedures should be put in place to ensure that the labeling program is a trusted and valuable resource that consumers can rely upon to assess the security of the IoT devices and/or products that exhibit the label.

Analysis

- a. Comments are due on or before September 25, 2023, and reply comments are due on or before October 10, 2023.
- b. Written comments on the Paperwork Reduction Act proposed information collection requirements must be submitted by the public and other interested parties on or before October 24, 2023.
- c. Commission proposed that the FCC mark along with the related QR Code and/or the URL to the IoT registry is to be placed on the product and the detailed information on the IoT device or product will be made available on the device or product's web page within the IoT registry using an QR Code and/or a URL.