

ment note set out under section 609 of this title], the term ‘Commission’ means the Federal Communications Commission.”

§ 227a. Consumer education materials on how to avoid scams that rely upon misleading or inaccurate caller identification information

(1) Development of materials

Not later than 1 year after March 23, 2018, the Commission, in coordination with the Federal Trade Commission, shall develop consumer education materials that provide information about—

(A) ways for consumers to identify scams and other fraudulent activity that rely upon the use of misleading or inaccurate caller identification information; and

(B) existing technologies, if any, that a consumer can use to protect against such scams and other fraudulent activity.

(2) Contents

In developing the consumer education materials under paragraph (1), the Commission shall—

(A) identify existing technologies, if any, that can help consumers guard themselves against scams and other fraudulent activity that rely upon the use of misleading or inaccurate caller identification information, including—

(i) descriptions of how a consumer can use the technologies to protect against such scams and other fraudulent activity; and

(ii) details on how consumers can access and use the technologies; and

(B) provide other information that may help consumers identify and avoid scams and other fraudulent activity that rely upon the use of misleading or inaccurate caller identification information.

(3) Updates

The Commission shall ensure that the consumer education materials required under paragraph (1) are updated on a regular basis.

(4) Website

The Commission shall include the consumer education materials developed under paragraph (1) on its website.

(Pub. L. 115–141, div. P, title V, § 503(b), Mar. 23, 2018, 132 Stat. 1092.)

Editorial Notes

CODIFICATION

Section was enacted as part of the Repack Airwaves Yielding Better Access for Users of Modern Services Act of 2018, also known as the RAY BAUM’S Act of 2018, and as part of the Consolidated Appropriations Act, 2018, and not as part of the Communications Act of 1934 which comprises this chapter.

Statutory Notes and Related Subsidiaries

DEFINITIONS

For definition of “Commission” as used in this section, see section 2 of div. P of Pub. L. 115–141, set out as a note under section 155a of this title.

§ 227b. Call authentication

(a) Definitions

In this section:

(1) STIR/SHAKEN authentication framework

The term “STIR/SHAKEN authentication framework” means the secure telephone identity revisited and signature-based handling of asserted information using tokens standards proposed by the information and communications technology industry.

(2) Voice service

The term “voice service”—

(A) means any service that is interconnected with the public switched telephone network and that furnishes voice communications to an end user using resources from the North American Numbering Plan or any successor to the North American Numbering Plan adopted by the Commission under section 251(e)(1) of this title; and

(B) includes—

(i) transmissions from a telephone facsimile machine, computer, or other device to a telephone facsimile machine; and

(ii) without limitation, any service that enables real-time, two-way voice communications, including any service that requires internet protocol-compatible customer premises equipment (commonly known as “CPE”) and permits out-bound calling, whether or not the service is one-way or two-way voice over internet protocol.

(b) Authentication frameworks

(1) In general

Subject to paragraphs (2) and (3), and in accordance with paragraph (6), not later than 18 months after December 30, 2019, the Commission shall—

(A) require a provider of voice service to implement the STIR/SHAKEN authentication framework in the internet protocol networks of the provider of voice service; and

(B) require a provider of voice service to take reasonable measures to implement an effective call authentication framework in the non-internet protocol networks of the provider of voice service.

(2) Implementation

The Commission shall not take the action described in paragraph (1) with respect to a provider of voice service if the Commission determines, not later than 12 months after December 30, 2019, that such provider of voice service—

(A) in internet protocol networks—

(i) has adopted the STIR/SHAKEN authentication framework for calls on the internet protocol networks of the provider of voice service;

(ii) has agreed voluntarily to participate with other providers of voice service in the STIR/SHAKEN authentication framework;

(iii) has begun to implement the STIR/SHAKEN authentication framework; and

(iv) will be capable of fully implementing the STIR/SHAKEN authentication framework not later than 18 months after December 30, 2019; and

(B) in non-internet protocol networks—

(i) has taken reasonable measures to implement an effective call authentication framework; and