

terminated using the Session Initiation Protocol signaling protocol.

(e) *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.

(f) *Verify caller identification information*. The term “verify caller identification information” refers to the process by which a voice service provider confirms that the caller identification information transmitted with a call it terminates was properly authenticated.

(g) *Voice service*. The term “voice service”—

(1) 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 the Communications Act of 1934, as amended; and

(2) 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 and permits out-bound calling, whether or not the service is one-way or two-way voice over internet Protocol.

#### § 64.6301 Caller ID authentication.

(a) *STIR/SHAKEN Implementation by Voice Service Providers*. Not later than June 30, 2021, a voice service provider shall fully implement the STIR/SHAKEN authentication framework in its internet Protocol networks. To fulfill this obligation, a voice service provider shall:

(1) Authenticate and verify caller identification information for all SIP calls that exclusively transit its own network;

(2) Authenticate caller identification information for all SIP calls it originates and that will exchange with another voice service provider or intermediate provider and, to the extent

technically feasible, transmit that call with caller ID authentication information to the next voice service provider or intermediate provider in the call path; and

(3) Verify caller identification information for all SIP calls it receives from another voice service provider or intermediate provider which it will terminate and for which the caller identification information has been authenticated.

(b) [Reserved].

#### APPENDIX A TO PART 64—TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM FOR NATIONAL SECURITY EMERGENCY PREPAREDNESS (NSEP)

##### 1. Purpose and Authority

a. This appendix establishes policies and procedures and assigns responsibilities for the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System. The NSEP TSP System authorizes priority treatment to certain domestic telecommunications services (including portions of U.S. international telecommunication services provided by U.S. service vendors) for which provisioning or restoration priority (RP) levels are requested, assigned, and approved in accordance with this appendix.

b. This appendix is issued pursuant to sections 1, 4(i), 201 through 205 and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. 151, 154(i), 201 through 205 and 303(r). These sections grant to the Federal Communications Commission (FCC) the authority over the assignment and approval of priorities for provisioning and restoration of common carrier-provided telecommunications services. Under section 706 of the Communications Act, this authority may be superseded, and expanded to include non-common carrier telecommunication services, by the war emergency powers of the President of the United States. This appendix provides the Commission’s Order to telecommunication service vendors and users to comply with policies and procedures establishing the NSEP TSP System, until such policies and procedures are superseded by the President’s war emergency powers. This appendix is intended to be read in conjunction with regulations and procedures that the Executive Office of the President issues (1) to implement responsibilities assigned in section 6(b) of this appendix, or (2) for use in the event this appendix is superseded by the President’s war emergency powers.

c. Together, this appendix and the regulations and procedures issued by the Executive Office of the President establish one uniform