**ATIS/SIP Forum IP-NNI Task Force**

**Virtual Meeting – October 13, 2022 | 10am-12pm ET**

**Meeting Agenda**

**IP-NNI TF Co-Chair:** Martin Dolly, AT&T (md3135@att.com)

**IP-NNI TF Co-Chair:** Chris Wendt, Somos (cwendt@somos.com)

# WELCOME & CALL TO ORDER

# INTRODUCTIONS & SIGN IN

# REVIEW & APPROVAL OF AGENDA

# ATIS OP, IPR, ANTITRUST & CONTRIBUTIONS NOTICES *(SEE LAST PAGE)*

# APPROVAL OF PREVIOUS MEETING NOTES

* IPNNI-2022-00081R000, Meeting notes from the September 14, 2022, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Participants will provide misalignments between 3GPP and the IP-NNI TF to Martin Dolly (AT&T) in writing.

# NPRM: TARGETING AND ELIMINATING UNLAWFUL TEXT MESSAGES

* FCC TO START NEW ROBOTEXT PROCEEDING. Commissioners Voted to Adopt New NPRM to Fight Scam and Spam Text Messages with Network-Level Blocking & Sender ID Authentication. by News Release. News Media Contact: Will Wiquist, Will.Wiquist@xxxxxxx. OMR CGB. [DOC-387624A1.docx](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/DOC-387624A1.docx__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5NyfUx2SOrY$) [DOC-387624A1.pdf](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/DOC-387624A1.pdf__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5NyfaNj4WuU$) [DOC-387624A1.txt](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/DOC-387624A1.txt__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5NyffWligeY$)
* TARGETING AND ELIMINATING UNLAWFUL TEXT MESSAGES. Proposes requiring mobile providers to block texts from invalid, unallocated, unused, or "Do-Not-Originate" numbers. Seeks comment on measures to encourage providers to block spoofed texts and on applying caller ID authentication standards to texting. (Dkt No 21-402). Action by: the Commission. Adopted: 2022-09-23 by NPRM. (FCC No. 22-72). CGB. [FCC-22-72A1.docx](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/FCC-22-72A1.docx__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5NyfxUKKdY4$) [FCC-22-72A1.pdf](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/FCC-22-72A1.pdf__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5Nyf9Yvug5Q$) [FCC-22-72A1.txt](https://urldefense.com/v3/__https%3A/docs.fcc.gov/public/attachments/FCC-22-72A1.txt__;!!BhdT!iZ2amwqX7p7NVpXoeRmXtSyvms9MD9LoC-cNsVVLqW_u8mCn6DH1lKdfwjJ0u5zGn82jx97z5NyfalpGl7s$)

# IPNNI TOPIC DISCUSSION

# ROBO-METRICS

* IPNNI-2021-00075R000, STIR/SHAKEN Metrics (Baseline)

# SHAKEN ROADMAP

* IPNNI-2022-00023R000, SHAKEN Roadmap (Baseline)

# BEST CURRENT PRACTICES ON THE PROTECTION OF STIR/SHAKEN DATA BETWEEN SERVICE PROVIDERS AND FROM SERVICE PROVIDERS TO ENTERPRISES

* IPNNI-2019-00055R000, Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises (Baseline)

# ATIS-1000080.v005, SHAKEN: GOVERNANCE MODEL & CERTIFICATE MANAGEMENT

* IPNNI-2022-00010R008, Draft baseline for ATIS-1000080.v005 (Baseline)
* IPNNI-2022-00010R009, Draft baseline for ATIS-1000080.v005 [revmarked]
* IPNNI-2022-00010R0010, Draft baseline for ATIS-1000080.v005 [clean]

# ATIS-1000084.v003, TECHNICAL REPORT ON OPERATIONAL & MANAGEMENT CONSIDERATIONS FOR SHAKEN STI CERTIFICATION AUTHORITIES & POLICY ADMINISTRATORS

* IPNNI-2022-00029R009, Draft baseline for ATIS-1000084.v003 (Baseline)

# ATIS-1000085.v003, SHAKEN SUPPORT OF “DIV” PASSPORT TOKEN

* IPNNI-2022-00006R004, Draft baseline for ATIS-1000085.v003, *SHAKEN Support of “div” PASSporT Token* (Baseline)

# ATIS-1000092.v002, SHAKEN DELEGATE CERTIFICATES

* IPNNI-2022-00026R008, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (Baseline)
* IPNNI-2022-00026R009, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* [revmarked]
* IPNNI-2022-00026R010, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* [clean]
* IPNNI-2022-00084R000, Updates to baseline
* IPNNI-2022-00085R001, OCSP-based TN Authorization for Intermediate Delegate Certificates

# METHODS TO DETERMINE SHAKEN ATTESTATION LEVELS USING ENTERPRISE LEVEL CREDENTIALS AND TELEPHONE NUMBER LETTER OF AUTHORIZATION EXCHANGE

* IPNNI-2022-00021R000, Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange (Baseline)

# CENTRAL TN DATABASE APPROACH TO FULL ATTESTATION FOR ENTERPRISES WITH MULTI-HOMING AND/OR MULTI-TENANCY

* IPNNI-2022-00037R000, Central TN Database Approach to Full Attestation for Enterprises with Multi-Homing and/or Multi-Tenancy (Baseline)

# LEVERAGING MODEL FOR ORIGINATING ENTITY AUTHENTICATION – FULL ATTESTATION WITH AN ENTITY IDENTITY IN A SECURE TOKEN (LEMON-TWIST)

* IPNNI-2022-00022R001, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (Baseline)

# VOIP INTERCONNECTION OVER THE PUBLIC INTERNET USING TLS

* IPNNI-2022-00048R002, VoIP Interconnection over the Public Internet using TLS (Baseline)
* IPNNI-2022-00048R003, VoIP Interconnection over the Public Internet using TLS [revmarked]
* IPNNI-2022-00048R004, VoIP Interconnection over the Public Internet using TLS [clean]

# SHAKEN AUTHORITY MODELS

* IPNNI-2020-00166R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Authority models (Baseline)

# TECHNICAL REPORT ON GOVERNANCE AND MANAGEMENT CONSIDERATIONS FOR DELEGATE CERTIFICATES

* IPNNI-2022-00049R000, Technical Report on Governance and Management Considerations for Delegate Certificates (Baseline)

# DRAFT ANALYSIS OF SUPPORT OF RFC 8197 (UNWANTED) AND RFC 8688 (REJECTED) IN VOIP NETWORKS

* IPNNI-2022-00018R001, Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks (Baseline)

# SHAKEN: INTERNATIONAL ATTESTATION AND CERTIFICATE FRAMEWORK

* IPNNI-2022-00011R000, SHAKEN: International Attestation and Certificate Framework (Baseline)

# VOIP INTERCONNECTION OVER THE PUBLIC INTERNET USING UDP AND IPSEC

* IPNNI-2022-00007R004, VoIP Interconnection over the Public Internet using UDP and IPSec (Baseline)

# OTHER CONTRIBUTIONS

* IPNNI-2022-00083R000, Merged VoIP Interconnection over the Public Internet baseline

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2022-00015R008, *IP-NNI Document Tracker*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* TBD

# ANY OTHER BUSINESS

# ADJOURNMENT

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