

What is the FCC doing with BGP

And why should NANOG care?

FCC issues NPRM on 6 June 2024

- <https://docs.fcc.gov/public/attachments/FCC-24-62A1.pdf>
- Notice of Proposed Rule Making
 - 60 days to submit comments
 - 30 days after to submit reply comments
- This presentation is based largely on materials that summarize the draft NPRM released on 16 May 2024
- The commission asserts Title II (of the Communications Act of 1934) authority is necessary to address cyber and national security threats within the nation's networks.

Proposed Reporting on BGP plans

- The nine largest ISPs would submit an initial “BGP Plan” and update annually.
- The plan would largely consist of reporting ROA coverage of prefixes originated prefixes under the ISP’s control as well as deployment of origin validation.
- Once 90% coverage is achieved, reporting is optional.
- Other quarterly reporting would still be required (only by the nine largest ISPs)

Possible Conditions on Service Provider Contracts

- The NPRM explores the possibilities of regulatory approaches to encourage the creation and maintenance of ROAs through contractual agreements between service providers and customers.
- Asks for comments on whether the FCC could require customer contracts to require that customers publish ROAs.

Outreach and Education

- The FCC asks a series of questions about education and outreach in particular to ISP customers. These include the following:
- Possibility of large service providers supporting publications of ROAs by smaller, downstream providers
- Educational campaigns led both by private and public entities to facilitate the publication of ROAs and deployment of ROV.

Questions?

- I probably don't know, but I'll try...