



# Draft Policy ARIN-2021-8

## Deprecation of the 'Autonomous System Originations' Field

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# History

- Proposal (ARIN-prop-304) - 7 July 2021
  - [https://www.arin.net/participate/policy/proposals/2021/ARIN\\_prop\\_304\\_orig/](https://www.arin.net/participate/policy/proposals/2021/ARIN_prop_304_orig/)
- Draft Policy - 18 November 2021
  - <https://lists.arin.net/pipermail/arin-ppml/2021-November/069356.html>
- Revision - 16 December 2021
  - <https://lists.arin.net/pipermail/arin-ppml/2021-December/069365.html>

Shepherds: Alicia Trotman, Anita Nikolich



# Problem Statement

In the last two decades ARIN has developed multiple services which provide mechanisms for Internet Number Resource holders to publish information about their routing intentions.

The optional 'OriginAS' field was invented before RPKI existed in practice. At that time, ARIN's Internet Routing Registry (IRR) followed a weak authorization model compared to available and in use today such as RPKI. The 'OriginAS' data was an improvement compared the other mechanisms that were available at that time.



# Problem Statement

However, there are some issues with consumption of the data in the OriginAS field:

Consuming the 'OriginAS' field in a high-scale automated pipeline is challenging. The consumer needs to enter into a 'Bulk Whois Data' agreement with ARIN, download a multiple-gigabytes XML file (which is only generated once a day), parse this XML, and then extract the OriginAS field. Querying objects one-by-one via the HTTPS interface does not scale well.

# Policy Statement

Remove Section 3.5 “Autonomous System Originations” of the NRPM in its entirety.

Timetable for Implementation: One year after ARIN Board adoption.





# Questions for the Community

- Does the community support this proposal?
- Are there any members of the community that would be placed at a disadvantage by the adoption of this draft policy.



# Discuss!