



**PeeringDB**

# **Authenticating Networks With RPKI RSC**

Yolandi Cloete / Arnold Nipper

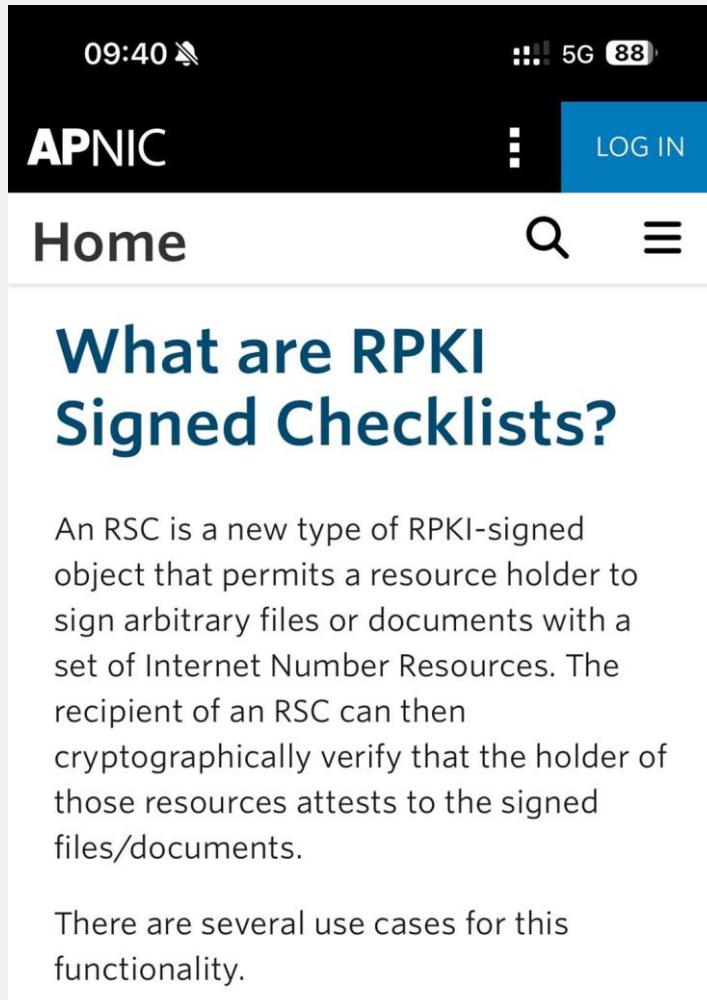
[arnold@peeringdb.com](mailto:arnold@peeringdb.com)

# Table of Contents

1. What is RPKI RSC and how will we use it?
2. Should we add more features?

# RPKI RSC and PeeringDB signup

Coming this  
March!

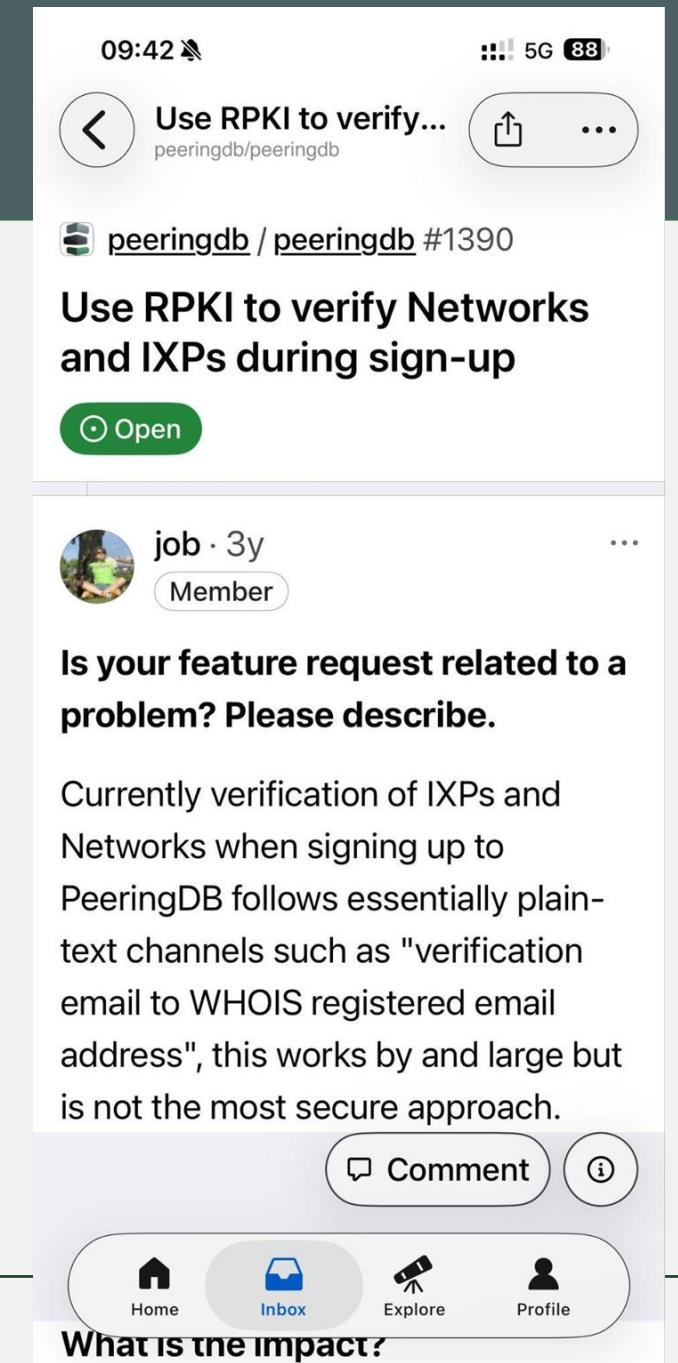


The screenshot shows the APNIC mobile application interface. At the top, there is a header with the APNIC logo, a timestamp of 09:40, signal strength, 5G connectivity, and a battery level of 88%. Below the header, there is a navigation bar with 'Home', a search icon, and a menu icon. The main content area features a large title 'What are RPKI Signed Checklists?' in bold blue text. Below the title, there is a detailed description of RPKI Signed Checklists, explaining what they are and how they work. At the bottom of the content area, there is a note about several use cases for this functionality.

**What are RPKI Signed Checklists?**

An RSC is a new type of RPKI-signed object that permits a resource holder to sign arbitrary files or documents with a set of Internet Number Resources. The recipient of an RSC can then cryptographically verify that the holder of those resources attests to the signed files/documents.

There are several use cases for this functionality.



The screenshot shows the PeeringDB mobile application interface. At the top, there is a header with the time 09:42, signal strength, 5G connectivity, and a battery level of 88%. Below the header, there is a navigation bar with a back arrow, the text 'Use RPKI to verify...', a share icon, and a more options icon. The main content area shows a post from a user named 'job' (3 years ago) with the status 'Member'. The post text reads: 'Is your feature request related to a problem? Please describe.' Below the post, there is a note about verification methods used by PeeringDB. At the bottom, there are buttons for 'Comment' and 'Inbox', and a navigation bar with icons for Home, Inbox, Explore, and Profile. The text 'What is the impact?' is also visible at the bottom.

Use RPKI to verify...

peeringdb / peeringdb #1390

Use RPKI to verify Networks and IXPs during sign-up

Open

job · 3y Member

Is your feature request related to a problem? Please describe.

Currently verification of IXPs and Networks when signing up to PeeringDB follows essentially plain-text channels such as "verification email to WHOIS registered email address", this works by and large but is not the most secure approach.

Comment

Inbox

Explore

Profile

What is the impact?

# Feature questions

Do you want to  
know **how**  
networks  
authenticated?

Do you want to  
know **when**  
networks  
authenticated?

Do you want  
support for  
periodic re-  
authentication?

# Please let us know!

## Mailing lists

We have changed the way in which PeeringDB will be announcing future enhancements, changes, maintenance windows, and other information. If you would like to be notified of certain events, or participate in certain discussions, please subscribe to one of the following email lists:

- **PeeringDB Announce**  
All PeeringDB administrative announcement information, such as upgrades, maintenances, outages, etc.
- **PeeringDB Governance**  
Discussion list for PeeringDB governance issues. This is a community-based effort, the community's input will help guide the future of the PeeringDB as it has always done.
- **PeeringDB Technical**  
Discussion about PeeringDB technical topics.
- **PeeringDB Translate**  
Discussions about PeeringDB translations.
- **PeeringDB User-Discuss**  
All other topics.

Our goal is to give you all the information you want, and no more. Please subscribe to any of these lists you feel are appropriate, or none. You will still be able to use the database even if you are not subscribed to any lists.



Yolandi Cloete



Arnold Nipper

<https://docs.peerengdb.com/#mailing-lists>

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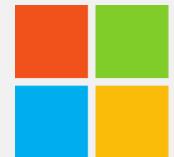
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