

Updates on RPKI ROV check project

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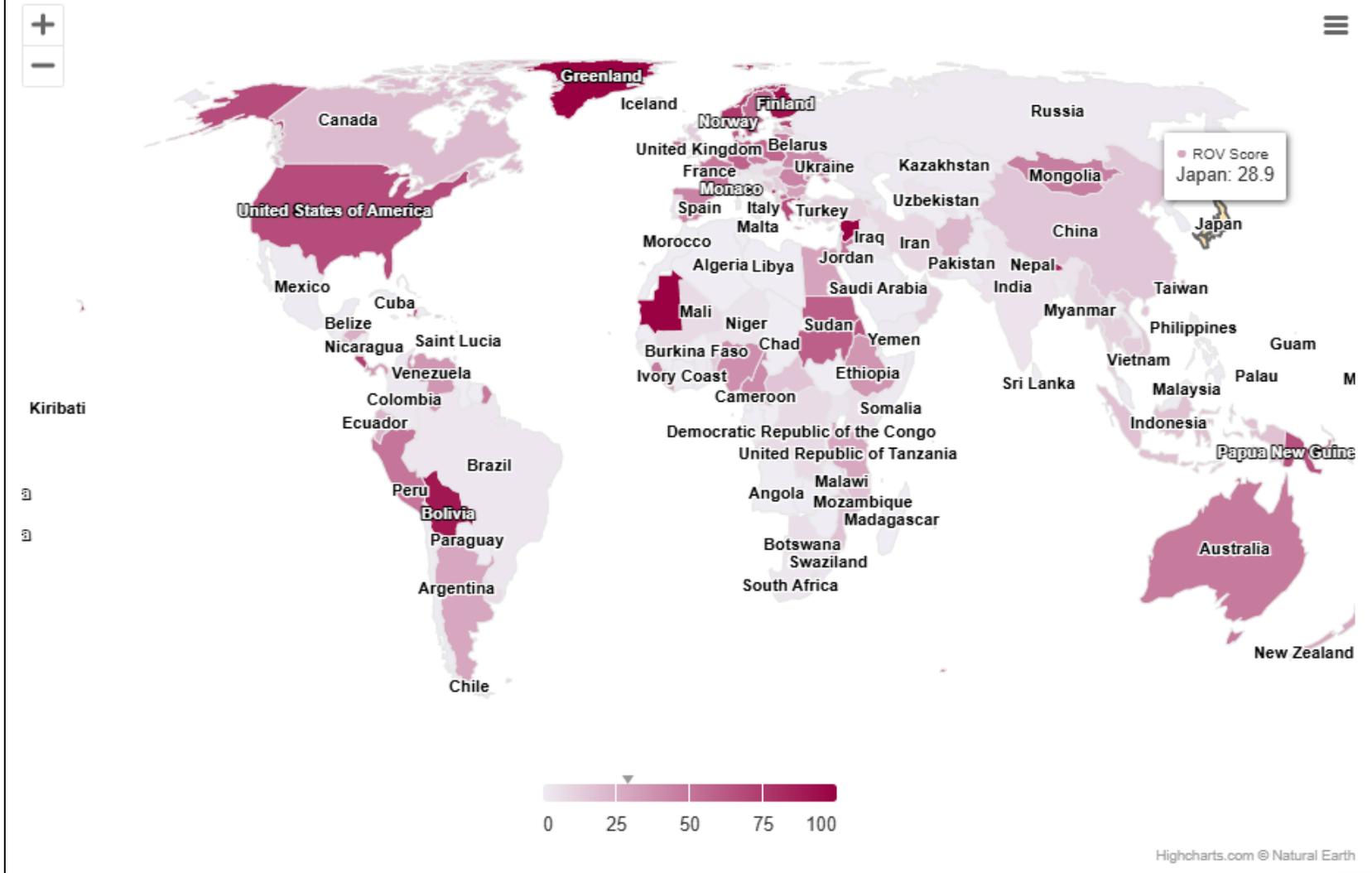


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Weighted Average of RoV scores based on the [Address Space](#) of ASes



(出典) RoVista, <https://rovista.netsecurelab.org/analytics>

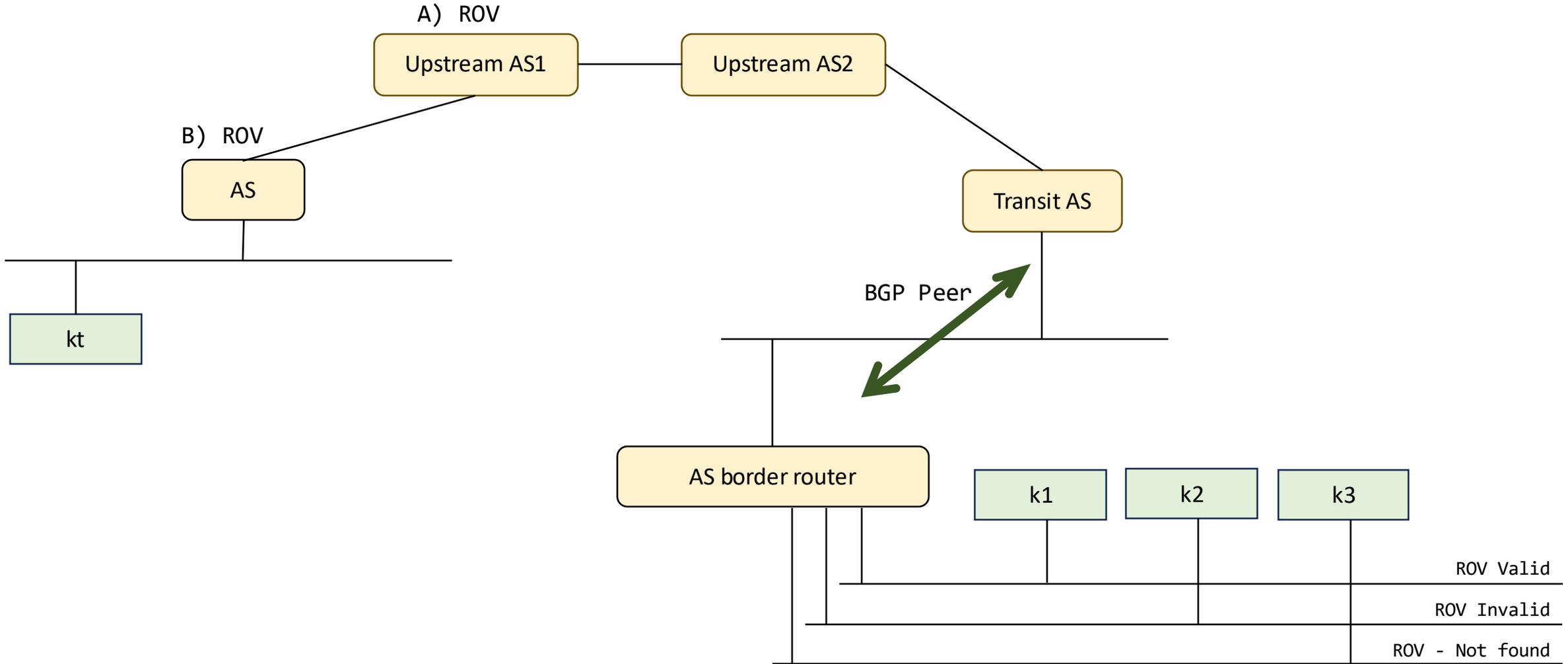


The project “RPKI ROV check”

- **Motivation: After the deployment experiments of RPKI/ROV, we want to assess how well the Internet is protected from invalid routes.**
 1. Do servers and networks that support people's daily lives remain unaffected by mis-originated BGP routes?
 2. Is it still possible to reach servers in ROV Invalid networks from the accessing network?



ROV cases



Limitations on the check results

- **This observation has its limitation on reachability results.**
 - If ROV is implemented at the transit provider level, the network is actually "protected," but our observation may make it appear as if it is not.
 - Additionally, route filters may have an impact, and there may be cases where even ROV Valid routes are unreachable.
 - It is important to check from various points.
⇒ We need cooperations!



- **Collaboration needed!**
- **Please talk to Taiji Kimura on this work.**
 - Introducing collaborators are also very welcomed.

