

BGP Hijacking is a RIPE Policy Violation

2019-03

RIPE78

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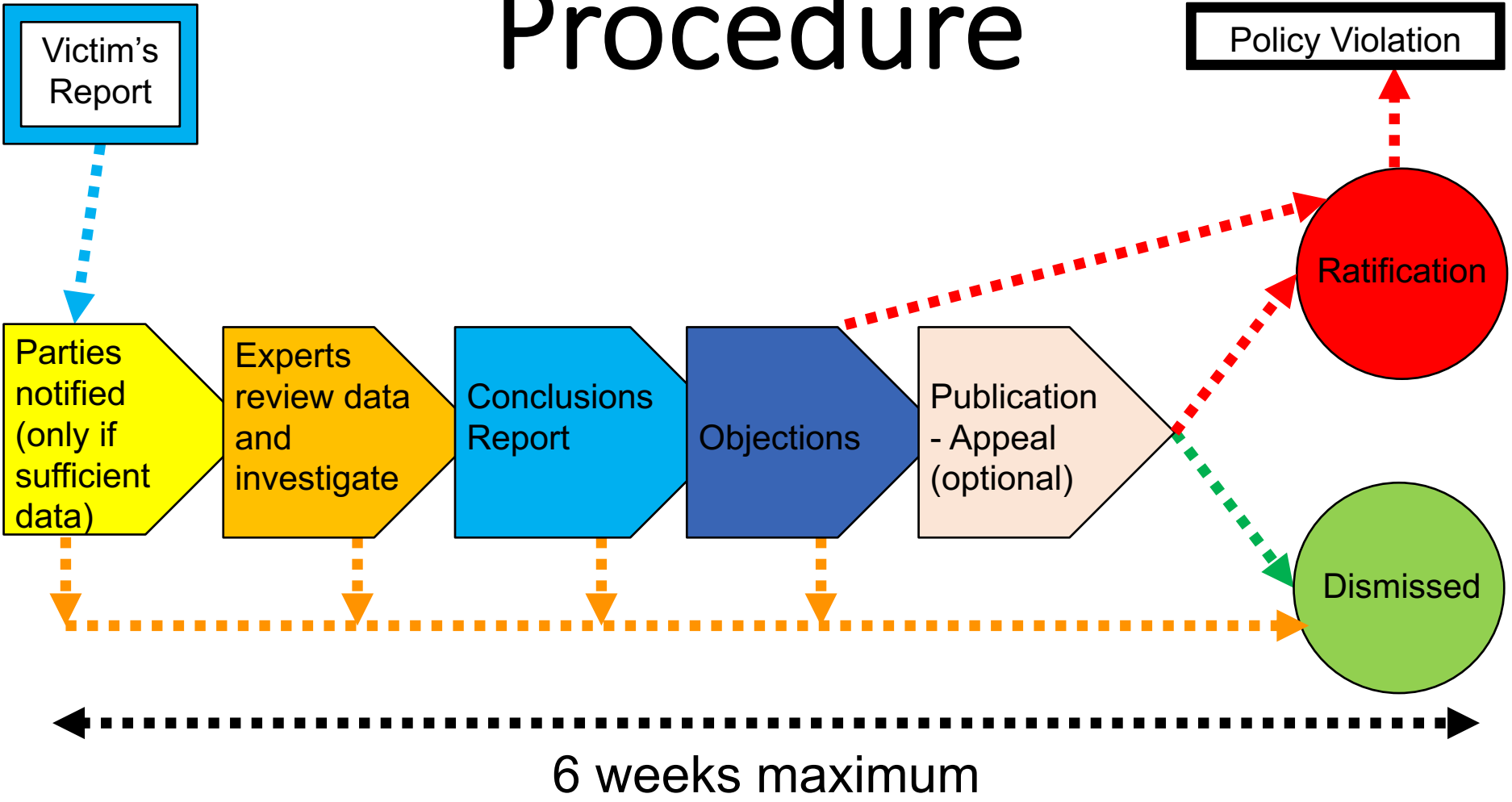
Summary

- The RIPE NCC is NOT the routing police
- The proposal is not a matter of routing!
- The proposal is a matter of respecting member's exclusive rights on the allocated resources
 - Other members aren't authorized to use those resources without consent (and policy compliance)
- Operational mistakes are excluded
- Only clearly intentional and continued cases are a policy violation
- RPKI & MANRS are good, but not sufficient

2019-03 v1 vs v2

- Tried to avoid using BGP, people confused with routing
- Better explained the process
 - Group of experts selection
 - Detailed procedure
 - Only victims can file a report
 - Evidences only from last six months
 - Transition period and avoid bogons
- Public consultancy and ratification by experts
 - Unanimity required
 - Guarantor

Procedure



Should we self-regulate or
do we prefer
governments/regulators
doing it?



We Are Responsible For

- **Maintaining an accurate registry**

- Accurate records of who is the holder of the resources at all times
- Accurate chain of custody of resources ownership

- **Implementing/enforcing RIPE policies**

- Agreements with anyone that wants to hold resources
- Clear rights and liabilities

- We must have valid contracts
- Due diligence checks very important



Fraudulent/misleading Data on Behalf of a Third Party

- **Members must provide the RIPE NCC with true and correct data**

- They should perform appropriate due diligence and vet information before sending it to us
- They should know who they are dealing with

- **If we receive fake data on behalf of a third party**

- We flag this and remind the member of their obligation to perform due diligence
- But if this becomes a pattern, we may consider a violation of their obligation to us

We don't look at the intent; either deliberate fraud or gross negligence is a violation

This undermines the accuracy of the registry



Closing remarks

- **The RIPE NCC is here to serve members, not to punish them for mistakes**
- **Due diligence checks for the benefit of legitimate resource holders**
- **We must ensure correct implementation of RIPE policies**
- **We want to remain accountable as a legitimate authority**

Impact Analysis

- ...

I'm sorry will miss
the fun ...
Time to run for me ...

I need to catch my flight !

When you rush to the mic ...
remember that in this country
ice is cheaper than tomatoes !