The next step for IPv4
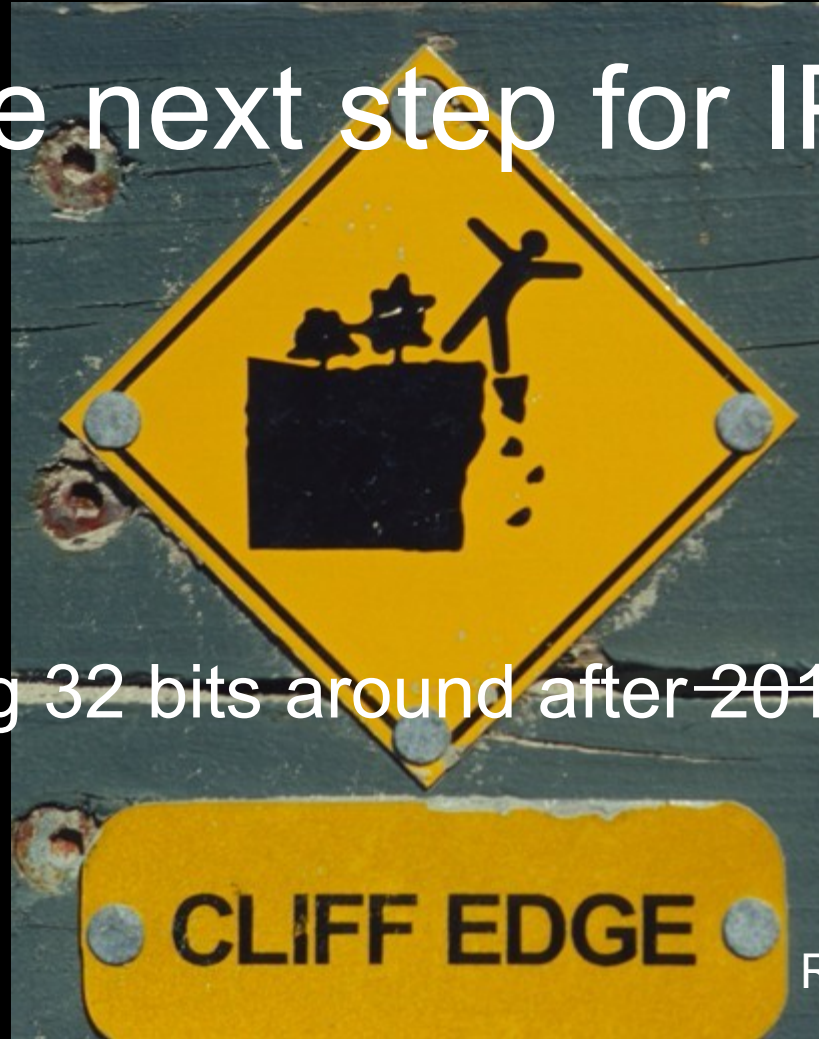
Moving 32 bits around after ~~2010~~ 2009
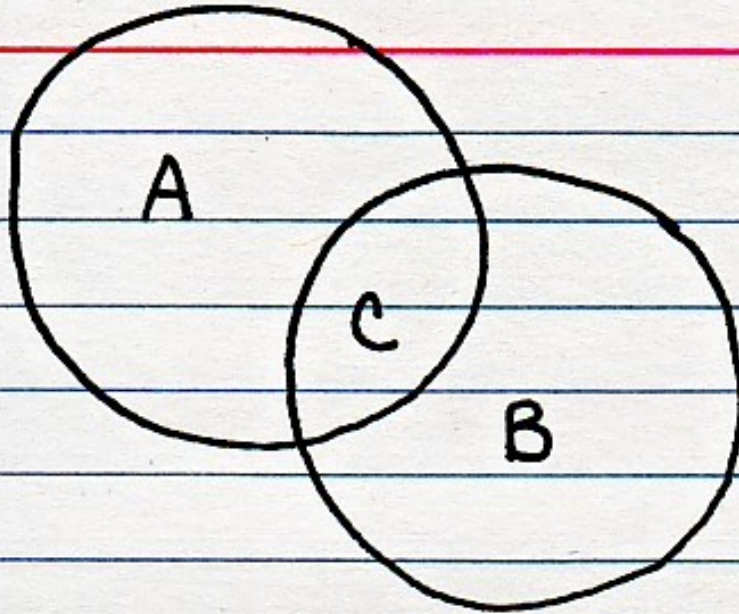
RIPE56, May 8th 2008

Remco van Mook

(no hats)

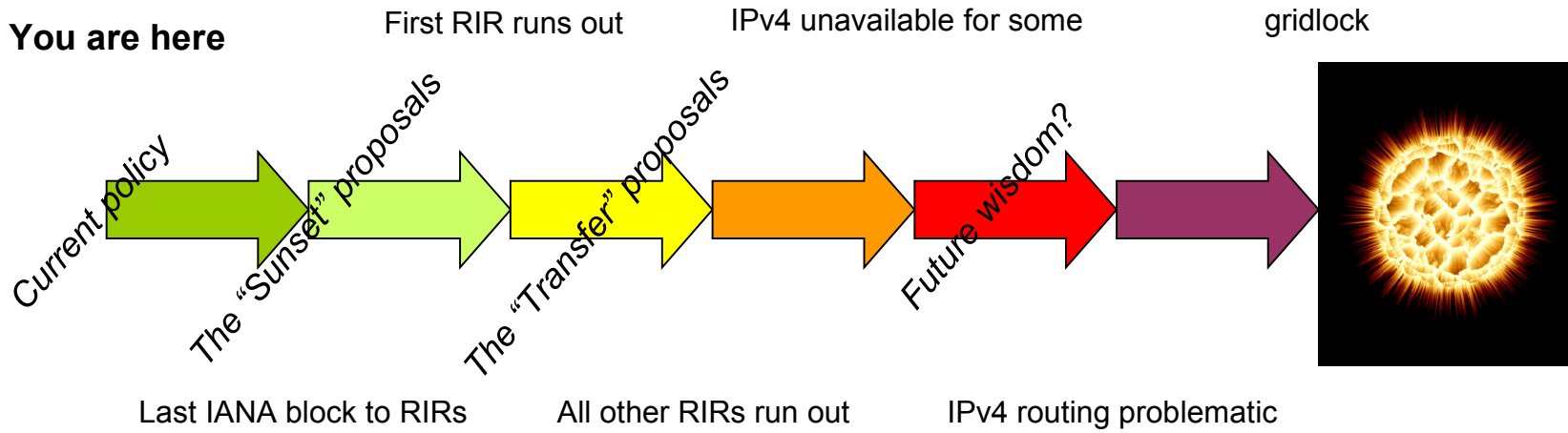# Reality check

Future of IPv4

You are here

First RIR runs out

IPv4 unavailable for some

gridlock

Current policy

The "Sunset" proposals

The "Transfer" proposals

Future wisdom?

Last IANA block to RIRs

All other RIRs run out

IPv4 routing problematic

None of the proposals will be able to save the world, rescue kittens from trees, cure the common cold or even save us from eventual doom with IPv4. Get IPv6, already.

Recap from RIPE55

Highlights from original proposal

- Allocated space can be moved directly between ONLY LIRs within one RIR

- Either temporary or permanent

- RIPE NCC to function as clearing house

- Don't get involved in conditions

- Don't regulate the LIRs

New additions/improvements

- Much improved proposal text (Thank you Filiz!)
- 2 Year moratorium on new allocations
- Cleared up the relation with current certification efforts

Key

- This is a minimal proposal; just setting out the framework

- Additions and changes can be made as we go along

- We want the RIRs to stay relevant for v4

But wait, this one's for practice!

Answers?

- Questions also welcome