

The logo features the text "IPv6" in a stylized, blue, sans-serif font. The characters are contained within a white oval shape that has a blue border and a blue shadow, giving it a three-dimensional appearance. This oval is part of a larger blue graphic element that resembles a speech bubble or a stylized arrow pointing towards the right, with a white gradient on its left side.

IPv6

# IPv6 Policy in action

## Feedback from RIR communities

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<http://www.kessens.com/~david/presentations/>

LIR wg, RIPE meeting, May 14th, 2003 (1)

**NOKIA**

# Background

The logo for IPv6, featuring the letters 'IP' followed by a small 'v' and the number '6', all enclosed within a blue oval shape.

- Current policy:  
<http://www.apnic.net/docs/policy/ipv6-address-policy.html>  
has been finalised about a year ago and implemented in July 2002
- Never intended to fix all the problems but to facilitate deployment

The logo for IPv6, featuring the letters 'IP' followed by a checkmark and the number '6', all enclosed in a blue oval with a speech bubble tail pointing towards the top left.

# Background

- Operational experience has been gained of policy in action
- Feedback and discussion has been raised on ARIN and RIPE mailing lists
- Different type of comments received:
  - need for small changes and clarifications
  - more fundamental changes that require a lot of consideration



# Community input from APNIC, ARIN and RIPE region

- No list per RIR - many of the issues came up at the same time in the different regions
- We don't have any information from rejected requests from LIRs or the RIRs

A blue speech bubble containing the text 'IP v6' in a stylized font. The 'v' is smaller and positioned between the 'P' and '6'.

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## Issues that can be addressed in current framework

- Many comments suggested that the rules are felt as a barrier to deployment:
  - 'Number of customers within two years' is a problem
- Proposed solutions:
  - lower the 200 to something lower
  - don't have this criteria at all for the first X number of applications or until a certain date
  - give a micro-allocation of a /48 to anybody who asks for it



IPV6

# Issues that can be addressed in current framework

- Wording issues:
  - Confusion about need for 200 /48 customers:  
I don't qualify because I can't justify 200 customers that have a need for /48 allocations but I am a mobile operator and do have millions of customers that need /64 assignments
  - Perception that allocation will be lost if ipv6 introduction is taking more time and you will fall short of the X number of customers within 2 years

The logo consists of the text 'IP v6' in a stylized, blue, sans-serif font. The 'v' is smaller and positioned between the 'P' and the '6'. The text is enclosed within a blue speech bubble shape that has a white outline and a slight shadow, giving it a 3D effect. The background of the slide is white with a blue decorative element on the left side that resembles a large speech bubble or a stylized 'C' shape.

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## More fundamental issues

- Longer prefixes for smaller ISPs that want to multihome
- A need for provider independent addresses:
  - big businesses want their own addresses, but when is somebody big enough ?!?. Or, when is a business too small to justify it's own prefix.
- Special allocations for organizations that think they are special in some way or the other
  - exchange points
  - root nameserver operators
  - micro-allocations

# Proposal

- Editorial committee collects a list of issues
  - issues that can be addressed within the current policy framework
  - issues that need more fundamental changes
- Editorial committee will revise the the current policy with the list of issues in mind but will not make fundamental changes to the policy (yet)
- Let's first make the easy fixes
- Don't do anything about issues like multi-homing (yet) since there is no chance for quick consensus



# Discussion

The logo for IPv6, featuring the letters 'IP' followed by a small 'v' and the number '6', all enclosed within a blue oval shape. The logo is positioned in the top-left corner of the slide, set against a blue decorative background that resembles a stylized speech bubble or arrow pointing towards the right.

- `<global-v6@apnic.net>` list

A blue speech bubble containing the text "IP v6" in a stylized, blue, sans-serif font. The bubble is positioned in the top-left corner of the slide.

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# Questions ?!?

LIR wg, RIPE meeting, May 14th, 2003 (10)

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