

The logo features the text "IPv6" in a stylized, blue, sans-serif font. The letters are slightly shadowed, giving them a 3D appearance. The text is contained within a white speech bubble with a blue outline and a blue shadow, which is set against a blue background that curves around the top-left corner of the slide.

IPv6

IPv6 Policy in action

Feedback from RIR communities

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IPv6 wg, ARIN meeting, April 7th, 2003 (1)

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Background

- 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



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

The logo features the text "IPv6" in a stylized, blue, 3D font. The letters are bold and blocky, with a slight shadow effect. The "v" is smaller and positioned between the "P" and the "6". The entire logo is contained within a blue speech bubble shape that has a white outline and a drop shadow, giving it a floating appearance. The background of the slide is a gradient of blue and white, with a large blue shape on the left side that frames the logo.

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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

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



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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

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 that is part of a larger blue graphic element on the left side of the slide.

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

A blue speech bubble containing the text "IPv6" in a stylized, blue, 3D font. The bubble is positioned in the top-left corner of the slide.

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Questions ?!?

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