

Provider Independent (PI) IPv6 Assignments to End User Organizations

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Summary

- Intended as a solution for organizations that need IPv6 PI
 - Multihoming
 - ~~– Other reasons (avoid renumbering when changing ISP)~~
- ~~• Temporarily in order to address possible consequences of PI in routing tables
 - 3 Years after an alternative technical solutions becomes accepted by the community
 - Assignments to be reclaimed, or opt to become a LIR (if qualify for it)~~

Qualification for IPv6 PI

- Must not be an ISP
- Must demonstrate multihoming (contracts)

IPv6 PI Assignment Size

- /48
- Larger block if justified (shorter prefix)

Subsequent Assignments

- If justified
- Whenever possible from an adjacent block

Assignment Super Block

- So ISPs can easily filter them, if required