

# IPV6 Multihoming and Traffic Engineering

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# Multihoming and Traffic Engineering with IP V6

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- What solutions exist or can exist in order to enable V6 multihoming and traffic engineering?
- Can we come to an IPV6 Multihoming and Traffic Engineering solution on a global scale?

# How are the solutions for IPV6 Multihoming and Traffic Engineering being made?

- IETF is working on a document that will detail their suggestion
- A document detailing the current possible solutions with their recognized pro's and con's is available at [www.nro.net](http://www.nro.net)
- We need Global RIR input. What will work with RIR policy and current business practice's?
- We need input from educational and operational forums like NANOG, JNOG, SANOG, AFNOG and ZANOG et al.

# Suggested Solutions / Work in Progress

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- CIDR boundry/ Filters open to a specific /? (/51, /40 what?)
- Aggregation plans that allow only a specific amount of slices to occur.
- Metro/ Regional assigning of IP Address space.
- Community Codes
- Published list of IPV6 blocks
- Policy
- Shim6 Protocol
- 8+8/ GSE
- Maximum Prefix

# What solutions do you suggest?

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- We need your ideas.