

# Requirements for IPv6 Routers

## draft-ietf-v6ops-ipv6rtr-reqs

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# Purpose

- Take advantage of the v4/v6 transition to think through changes in the 'net architecture
- Provide a set of **suggestions** from providers to implementers
  - A common set of IPv6 features in **routers**
  - Even though these features might not be needed in *every* deployment
  - Drive the implementor to explain *why* a particular feature is not implemented
  - A solid base from which to think rationally about what should be common, and what is an exception

# Changes

- Modified DHCP/SLAAC language
- Modified language around ICMP
  - More changes are in the list of things to come for this one
- Many other changes
- Removed all RFC2119 language
  - Second part of document is written as a set of suggested common elements

# Current State

- “This needs to be scoped”
  - “Okay, send me a scoping statement”
  - “*This should say enterprise devices*” – but this does not work
  - “*This should say xxx*” – but this does not work
  - *Silence*
- “This is useless, it should not be an RFC draft”
  - Accompanied by a train of exceptions

# Current State

- There appears to be no consensus in the WG
  - No amount of “may” and reduction in what the document is saying seems to make anyone happy
- Options:
  - Simply withdraw the document, as the WG is not going to reach consensus
  - Try to find a way to move something useful forward
- Thoughts?