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?