Requirements for IPv6 Routers draft-ietf-v6ops-ipv6rtr-reqs

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Changes between -02 and -04

- Many nits and wording problems fixed
- Modified section around ICMP requirements
- Modified device model to fit better with existing YANG documents
- Modified section around ICMP

Scoping Statements

- This draft is not designed to apply to consumer devices, such as smart devices (refrigerators, light bulbs, garage door openers, etc.), Internet of Things (IoT) devices, cell phones primarily used as an end user device (such as checking email, social media, games, and use as a voice device), and other devices of this class. It is up to each provider or equipment purchaser to determine how best to apply this document to their environment. The intended use of this document is for operators to be able to point to a common set of functionality which should be available across all IPv6 implementations. Several members of the community have argued there is no common set of IPv6 features; rather each deployment of IPv6 calls for different feature sets. However, the authors of this draft believe outlining a common set of features expected of every IPv6 forwarding device is useful.

Scoping Statements

- Also modified all upper case MAY/SHOULD/MUST to lower case
- Would like to know if the lower cases should be pushed back to upper cases with the new scoping statements in place
- This would strengthen the document somewhat

Next Steps

- Answer the question over upper/lower case
- Some folks have argued parts of the document are too theoretical/don't belong in a requirements list
  - These sections would not fit in any other IETF document, however
  - And many others have found them useful
- If we can resolve these two issues, it seems this document is ready to move forward in the process
  - One more look from the WG
  - Move to WG last call