RFC6434-bis
IPv6 Node Requirements update

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IETF 101, London, 19 March 2018
Context

• Two previous IPv6 Node Requirements RFCs:
  – RFC4294, April 2006
  – RFC6434, December 2011

• New –bis document history:
  – First -00 version published October 2016
  – Draft adopted by WG after IETF 98
  – Completed WGLC after IETF 100
  – Revisions made based on WGLC comments
  – Current version is draft-6man-ietf-rfc6434-bis-07

• Authors believe document is ready to advance
Changes since IETF 100

• Includes:
  – Synchronising text with RFC 8200 wording (mainly in -06)
  – Reworking management section (MAY be supported), including RFC 8096 reference, and adding RESTCONF
  – Clarification on unknown ULP processing
  – Added RFC 7371 support on multicast flag bits (MUST)
  – Clarified Type C host role is defined in RFC4191
  – RFC 7934 support now expressed as a SHOULD
  – Added additional IPsec text
  – Updated old MLDv1 reference to MLDv2
  – Upgraded RFC7772 support to a SHOULD for nodes concerned with power consumption
  – Expanded section describing changes from RFC 6434
Are we done?

- Is the document ready to advance?
- Comments?