

RFC6434-bis

IPv6 Node Requirements update

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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?