

IPv6 MIB Status and Issues

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Basic Approach

- Version independent updates to IPv4 MIBs
 - RFC2011: IP MIB
 - RFC2012: TCP MIB
 - RFC2013: UDP MIB
 - RFC2096: Forwarding Table MIB
- Emphasis on compatibility with IPv4 MIBs
 - Widely implemented and deployed
- Not compatible with existing IPv6 MIB RFCs

Current Work

- Four new MIB drafts available
 - IP MIB
 - <draft-ietf-ipv6-rfc2011-update-00.txt>
 - IP Forwarding Table MIB
 - <draft-ietf-ipv6-rfc2096-update-00.txt>
 - TCP MIB
 - <draft-ietf-ipv6-rfc2013-update-00.txt>
 - UDP MIB
 - <draft-ietf-ipv6-rfc2012-update-00.txt>

Current Status

- UDP & TCP
 - Nearly complete, few final edits needed
- Forwarding Table MIB
 - May be near completion, comments?
- IP MIB
 - Still has several open questions

IP MIB Status

- Added two new tables
 - Default router list
 - Default router advertisement config
- System-wide or per-interface statistics
- Compliance/Conformance statement

Moving Forward

- Aug 02: Final draft of TCP, UDP & Fwding ava ready for WG last call.
- Nov 02: Complete draft of IP MIB available, ready for WG last call?

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