

Using Only Link-Local Addressing Inside an IPv6 Network

draft-ietf-opsec-lla-only-04

88th IETF, Orlando, 4 Nov 2013
OPSEC WG

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Summary



- Discussion: Neither global nor ULA addresses on infrastructure links, **just link-local**
- Describe pros and cons
- Goal: Help in decision process.
- Desired outcome: **Informational**
- WGLC produced some more comments
 - Should all be addressed now

Changes in -04

- Removed SHOULD hardcode the LLA to avoid changes of LLA when changing the MAC
 - Thanks to Rama Darbha and Fernando Gont
- Removed old verbiage about 'authors recommend'.
- Added a reference to RFC 6724 (SAS) to use global address (such as loopback address) when generating an ICMP message.
- Added reference to the RFC about BGP & Co.
- Clarified some wording in the management plane traffic.
- We did not change the verbiage about out-of-band management as we assumed that it is outside of the scope of this document.
- Added reference to RFC 4987 (SYN flood).
- Clarification about loopback address/interface.
- The comment about static addresses for LLA and draft-ietf-6man-stable-privacy-addresses has been ignored because to our knowledge routers never use privacy extension addresses for their interfaces.
- The IXP section has also been updated about the amount of work to map all global addresses of IXP.
 - All above: Thanks to Fernando Gont.
- Removed all "we propose" and "we recommend"
- Removed all references to RFC 2119 as it is an informational document.
- Removed some ambiguities.
 - Thanks to Wes George

Summary

- Document stable
- We addressed all comments
- Not aware of open issues/concerns