

ISIS Auto-Configuration

(draft-liu-isis-auto-conf-06)

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@ISIS-WG, ietf94, Nov 2015

Reminder

- 04/05 version received some technical comments/review around the last IETF
 - Mostly from Les Ginsberg
- The new 06 version was to capture those comments

06 version revision

- Added a "Start-up Mode"
 - when there is System ID duplication, the node in "Start-up Mode" MUST regenerate its System ID
 - If both duplicated nodes are in "Start-up Mode", then they compares the Fingerprint as specified.
 - Accordingly, a "Start-up Mode" flag (S flag) was added in the Router-Fingerprint TLV to indicate the node is in Start-up mode or not
 - This is to minimize the occurrence of System ID changes for a router once it has become fully operational

06 version revision

- Take into account the duplication between neighbors
 - includes the Fingerprint TLV in the Hellos
 - The nodes won't form adjacency if duplication occurs
- Remove the clear-text password authentication mode
- Added a usage of authentication TLV to be the HMAC-MD5 authentication mode. (as suggested by Acee Lindem)
- Les Ginsberg contributed a lot as a new co-author.

Next Steps

- Currently under adoption call
 - Please support if you're in favor of adopting this work
 - Comments are welcomed
- Resolve some minor open issues

Thank you!

IETF94, Yokohama