ISIS Auto-Configuration
(draft-ietf-isis-auto-conf-02)

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Reminder

• Adopted as a WG item after IETF94 Yokohama
• A couple of technical revision and throughout editorial revision in ietf-02 (*ietf-01 was a keep-alive version*)
Technical revision

• Deleted one technical requirement
  – “IS-IS auto-configuration SHOULD allow P2P mode on Ethernet interfaces.” (In Section 3.1 IS-IS default configuration)"

• Router-Fingerprint comparison
  – Clearly specified the comparison is “octet by octet starts from the left until a difference is found”.
  – “fingerprint MUST be padding with zero at the right side for comparison.”

• Dynamic Host Name TLV
  – Specified “To guarantee the uniqueness of the host names, System ID SHOULD be appended as a suffix in the names.”
Open Questions

• “A router remains in startup-mode until it has successfully completed LSPDB synchronization with all neighbors or until 1 minute has elapsed - whichever is longer”
  – Is “1 minute” reasonable?

• The Duplication Detection process SHOULD be repeated with the newly generated System.
  – Change “SHOULD” to “MUST”?
Next Steps

• Clear the open issues
• More review is needed
• If no significant new issues found, then WGLC?
Thank you!

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