A YANG Data Model for NTP

draft-wu-ntp-ntp-cfg-02

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Introduction

Yang Data Model	Management of NTP demon – client and server	Configurations State
	NTP as per RFC 5905	Most features of NTPv4 are covered
	Extensions	Auto-key
	New Author	Yi Zhao, Ericsson
	-	Ankit, Dhruv (new recruits)
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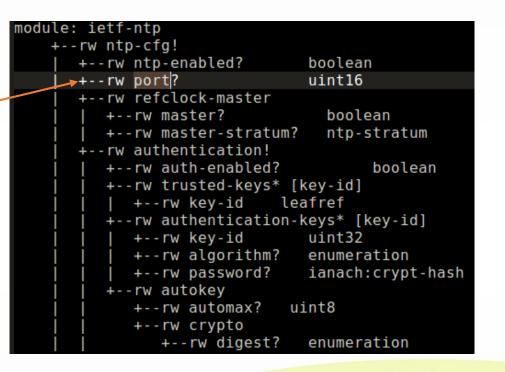
Recent Changes

Non Standard Port • Port leaf added Authentication • A list of 'trusted' keys • Auto-key Association • Handling of association-type Interface • Manycast etc

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Non Standard Port

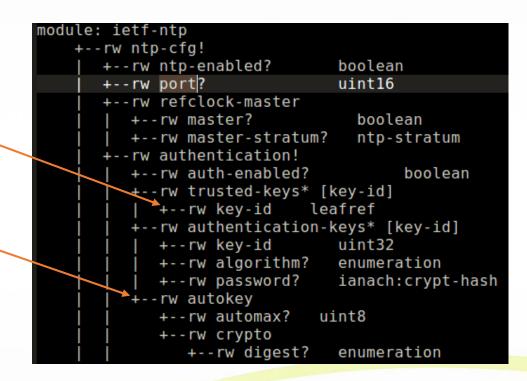
- New leaf for non-standard Port configuration
 - This leaf can enhance NTP security



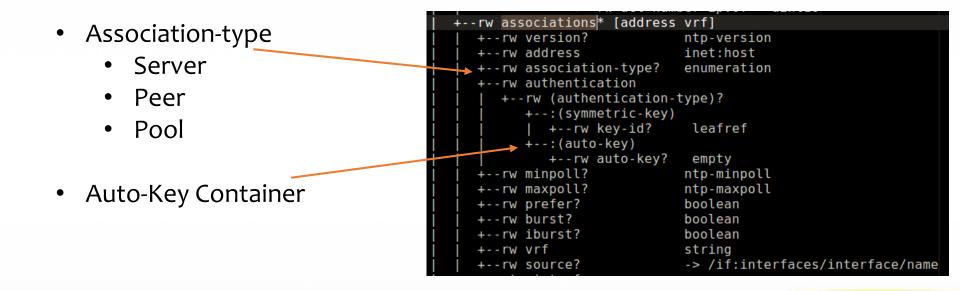
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Authentication

- A list of trusted keys
 - as there can be more than one trusted key
- New container for Auto key

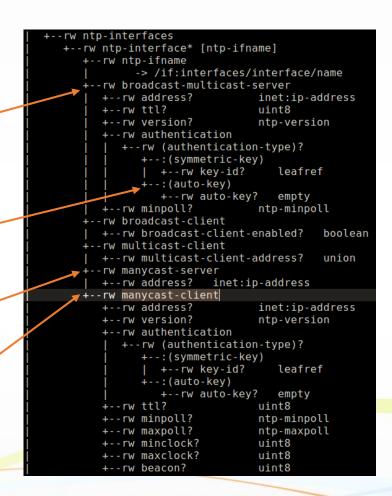


Association



Interface

- Interface
 - Broadcast and multicast server is added in same container
 - as mode of operation is same (mode 5)
 - Added with auto-key configuration option
 - New container for manycast server and client



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Next Step

- Some Open Issues
 - Need for NTP state enhancement for manageability, statistics etc
- Draft is ripe for WG Adoption.
- More reviews
 - Review comments are always welcome!

Thank You!