

# **YANG Data Model for RPKI to Router Protocol**

## **draft-ietf-sidrops-rtr-yang-03**

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# Overview

- This document defines YANG data models for RPKI-Router Protocol ([RFC6810], [RFC8210], and [I-D.ietf-sidrops-8210bis]).
- Two YANG data models are defined:
  - ietf-rpki-rtr.yang:  
How to configure and manage the RPKI-Router protocol on routers.  
(No change from previous version)
  - ietf-rpki-table.yang:  
How to manage ROA records of RPKI-Router Protocol on routers.  
(Changes defined in following sections)

# Changes

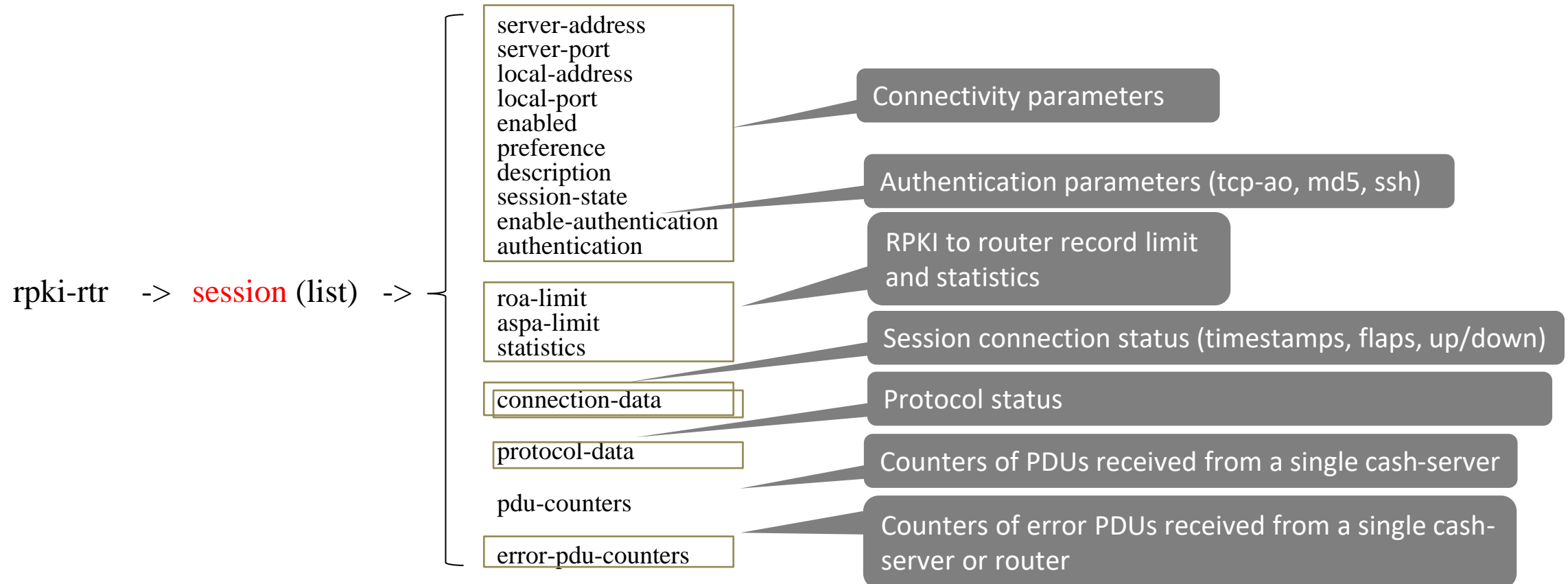
- Thanks to Job Snijders for the review and comments :  
Ref comment :Addressed  
[https://mailarchive.ietf.org/arch/msg/sidrops/i80tOKD3Ic1VJMQzH\\_25bUC9AqQ/](https://mailarchive.ietf.org/arch/msg/sidrops/i80tOKD3Ic1VJMQzH_25bUC9AqQ/)
- Inclusions in this version involves 256 bit SHA-256 hash of canonical representation of RPKI data (VRP table, ASPA table, router-key tables) in ietf-rpki-table.yang
- Adjusting naming conventions as VRPs for ASPA table, router-key table and VRP tables.

# ietf-rpki-rtr.yang

*Unchanged from previous version*

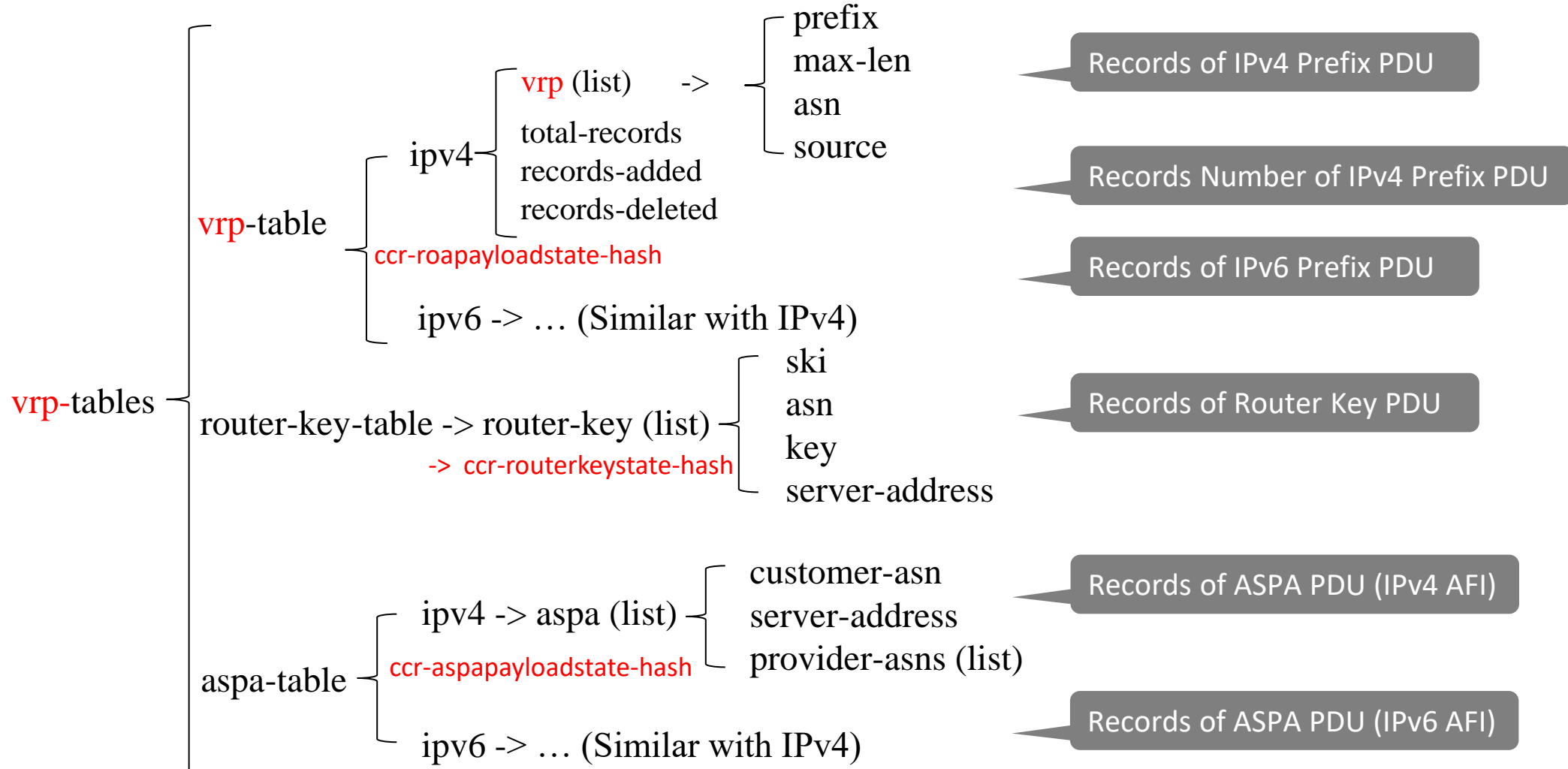
*How to configure and manage the RPKI-Router protocol on routers.*

*augment /rt:routing/rt:control-plane-protocols/rt:control-plane-protocol:*



# ietf-rpki-table.yang

How to manage records of RPKI-Router Protocol on routers. *augment /rt:routing:*



# Draft state

- **Review comments resolved**
- **YANG-doctor review / LC**
- **Queries???**

*Thanks*