Access Control List Model draft-bogdanovic-netmod-acl-model-01 IETF 90 Toronto

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Agenda

- Motivation for new draft
- Design
- Next steps

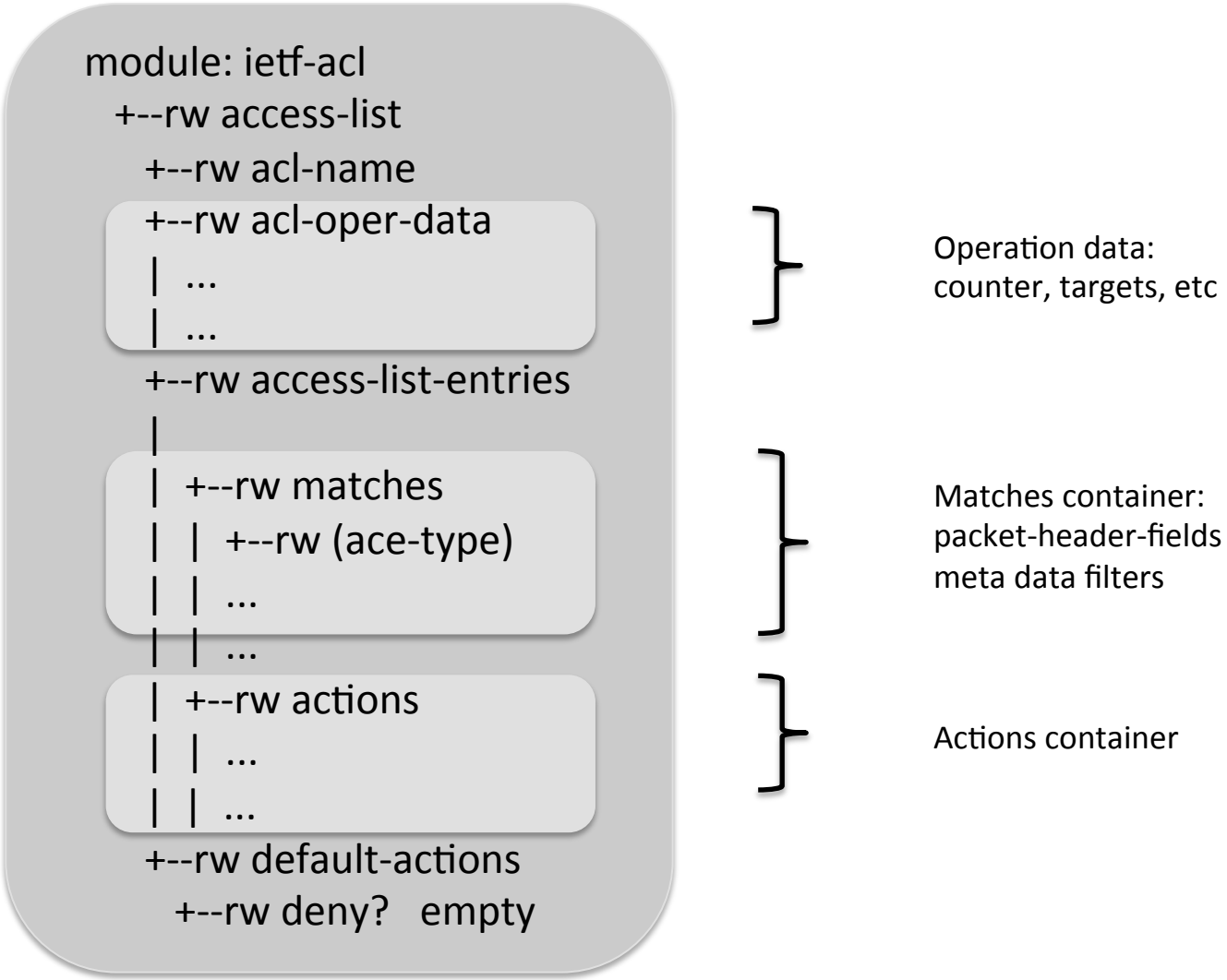
Motivation

- Previous draft draft-huang-netmod-acl was complicated and the ACL structure is not obvious
- Create common base model that can be extended:
  - packet headers
  - vendor specific

Design

- ietf-acl
  - base model
    - ACL container
      - ACL oper data container
      - ACE List
        - » Match container
        - » Action container
- packet-fields
  - Used in ACE Match container
- newco-acl
  - vendor specific extensions of base model
  - augments the base model

Design cont'd



Next steps

- Route filter
- Prefix-list filter
- Suggestions