INTRODUCTION

- Last A(c)unting) in AAA
- Defines YANG model for Accounting
Modification to accounting record
default-deny-all
Interaction with AAA server
Added value definition
Added examples
- Added default-deny-all to protect records
MODIFICATION OF RECORD

- Dropped accounting START/STOP code
  - Implementations that need fragmentation can add it.
- Added message-id with a session-id
  - Added message-id to the key list.
  - Multiple messages can be exchanged as part of given session

<table>
<thead>
<tr>
<th>Acct-code</th>
<th>Date-time</th>
<th>Src-ip</th>
<th>Session-id</th>
<th>Task-id</th>
<th>user</th>
<th>groups</th>
<th>action</th>
<th>rule</th>
<th>status</th>
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-02

<table>
<thead>
<tr>
<th>Message-id</th>
<th>Session-id</th>
<th>Src-ip</th>
<th>Date-time</th>
<th>user</th>
<th>groups</th>
<th>rule</th>
<th>Data-node</th>
<th>value</th>
<th>action</th>
<th>status</th>
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| -03 }

July 20, 2017
Added value field
- `<get>`
  - What was requested
  - E.g. filter parameter
  - Does not capture response
- `<edit-config>`
  - Values for the node

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<thead>
<tr>
<th>Message-id</th>
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<span>EXAMPLES</span>

- <edit-config>
- <get>
  - Request
  - Response
- NACM rule for Accounting
  - default-deny-all
  - Explicit rule for “root” user
module: ietf-netconf-am
  +--rw nam
    +--rw enable-nam?
    +--ro accounting-record* [session-id message-id]
      +--ro message-id uint32
      +--ro session-id? nc:session-id-type
      +--ro date-time? nc:date-and-time
      +--ro src-ip inet:ip-address
      +--ro group nacm:group-name-type
      +--ro user? nacm:user-name-type
      +--ro rule? string
      +--ro data-node nacm:node-instance-identifier
      +--ro action nacm:access-operations-type
      +--ro status? nacm:action-type
NEXT STEPS

- WG adoption?
Q&A
INTERACTION WITH RADIUS

- **RFC 7499** – Support of Fragmentation of RADIUS packets
  - Fragmentation of authorization data
- **RFC 7930** – Larger Packets for RADIUS over TCP
  - Experimental Draft
  - Extends RFC 6613 – RADIUS over TCP
  - RADIUS-over-TCP experiment