

Update on **"AAA Framework  
for Multicasting"**  
draft-ietf-mboned-multiaaa-framework-05.txt

Hiroaki Satou, NTT

Hiroshi Ohta, NTT

Christian Jacquenet, France Telecom

Tsunemasa Hayashi, NTT

Haixiang He, Nortel Networks

# Background

- companion draft: draft-ietf-mboned-maccnt-req-04.txt completed WGLC, 05version to address IESG DISCUSS items
- Request for review sent to radiusext list
- draft-ietf-mboned-multiaaa-framework v4 --> v5 changes primarily in response to feedback from Alan Dekok's comments on radiusext ML

# Major Changes between 04 and 05

- section 4.1 (Framework for multicast AAA)
  - broke down into the different use cases of multiple CP - multiple NSPs, single to multiple, etc.
  - most general case: multiple CPs to multiple NSPs. described as a time sequence
  - other cases compared to general case.
- section 4.2 (User ID)
  - elaboration of NSP assigned userID vs CP assigned userID added

# Other Changes between 04 and 05 (A)

- 4.3 Accounting, 4.4 Access Control and CP selection by NSP, 4.5 Admission Control Information by NSP
  - clarifications of AAA characteristics specific to multicasting
- 4.7 Caching of AAA results
  - changed "caching" terminology to proxy terminology
  - Added "the NSP may receive authorization conditions from a CP in advance and statically hold them, or a CP may send them dynamically in the Response message"

# Other Changes between 04 and 05 (B)

- 5.2 Changed terminology:
  - mRACF (NGN term) & CAPCF --> MACF  
(Multicast Admission Control Function )
- 5.2 Added:
  - “An AN (Access Node) may be connected directly to mAAA or a NAS relays AAA information between an AN and a mAAA”

# Going Forward

- will post revised version after IETF
  - section title change (forget to reflect feedback)
  - minor editorial changes
  - other feedback?
- WGLC with next version?

# EXTRA SLIDES

IETF 70, Dec 2007, Vancouver

# Purpose of the Draft

- "to provide a generalized framework for specifying multicast-inferred AAA capabilities that can meet..." the requirements presented in "Requirements for Multicast AAA coordinated between Content Provider(s) and Network Service Provider(s)", draft-ietf-mboned-maccnt-req-05.txt.
- Such requirements derived from
  - need for user tracking and billing capabilities
  - need for network access control
  - methods for sharing information between the network service provider and content provider to make above possible