



AAA Framework for Multicasting

draft-satou-multiaaa-framework-01.txt

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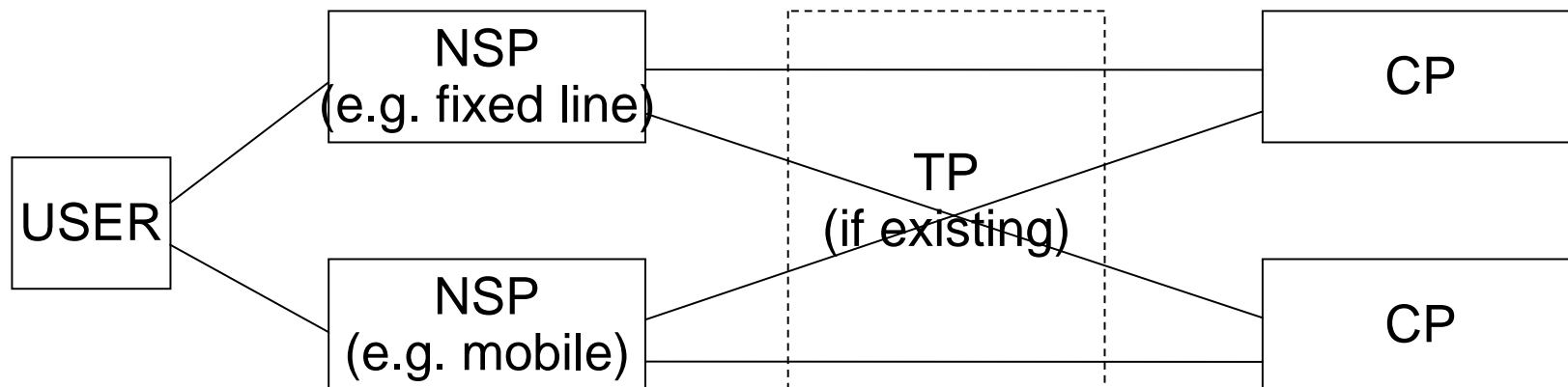
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Introduction

- Background:
 - I-D originally presented at Vancouver
 - Purpose of I-D: provide a generalized framework for solution standards to meet requirements defined in draft-ietf-mboned-maccnt-req-04.txt
- Agenda
 - Updates from 00.txt -->01.txt
 - Proposal: acceptance as mboned WG item

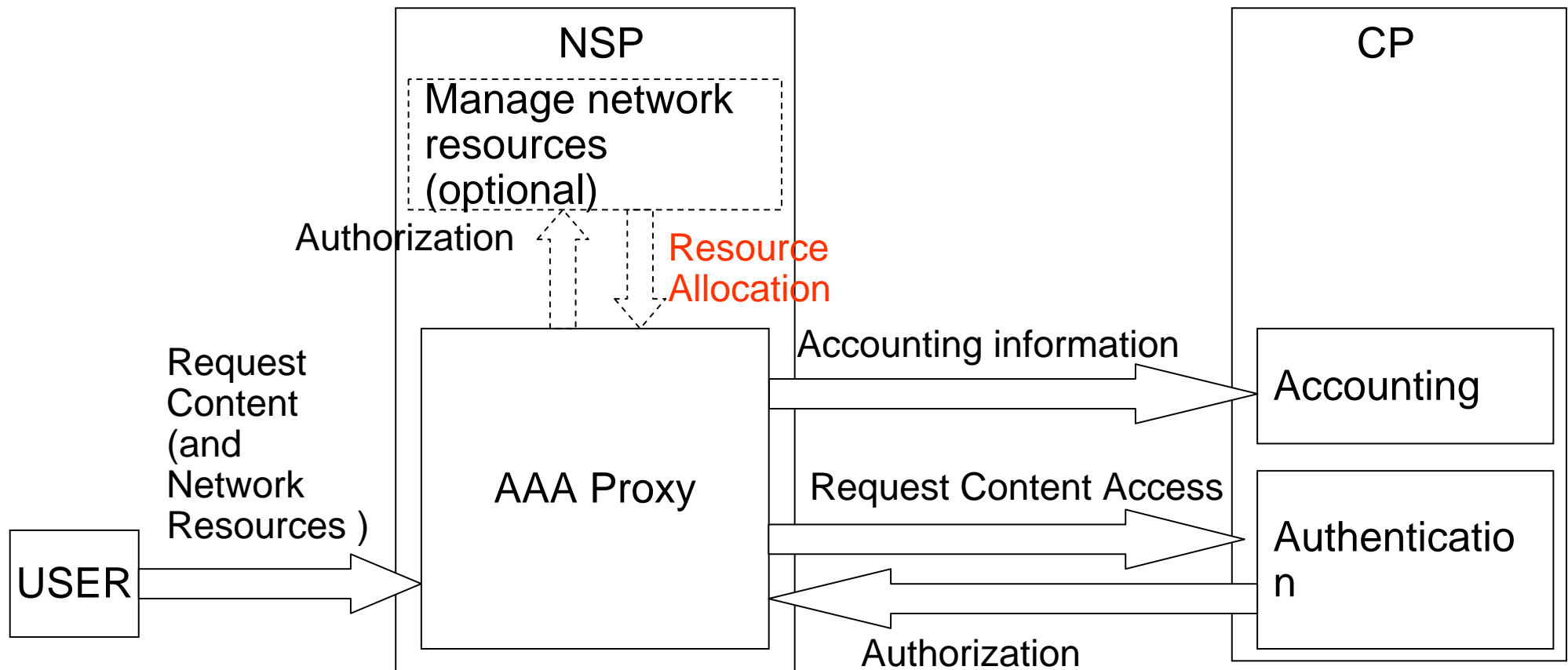
Major changes

- Added roles for each entity
 - The USER selects a CP and a NSP (This may be automatically; e.g. a fixed line NSP for STB or a mobile NSP for mobile terminal)
 - The CP is responsible for Authentication and Authorization of user's access
 - The NSP is responsible for managing its network resources
 - If TP (Transit Provider) is used, the TP transfers multicast stream from the CP to the NSP. TP is responsible for managing its network resources



Major changes (Cont.)

- Added section 4, "Network Connection Model and Functional Components"
- Added modularity: fully enabled versions and partially enabled versions



Conclusion

- Propose to start discussion of multicast AAA frameworks to meet the requirements of commercial multicast content delivery.
- Define building blocks in framework. Facilitate which WGs own which building blocks. Which building blocks need to be created/ modified.
- Request mboned to accept this I-D as a WG item.
- Goal is to achieve operational capabilities such as access control, admission control & accounting. Help solutions study with collaboration with appropriate WGs.

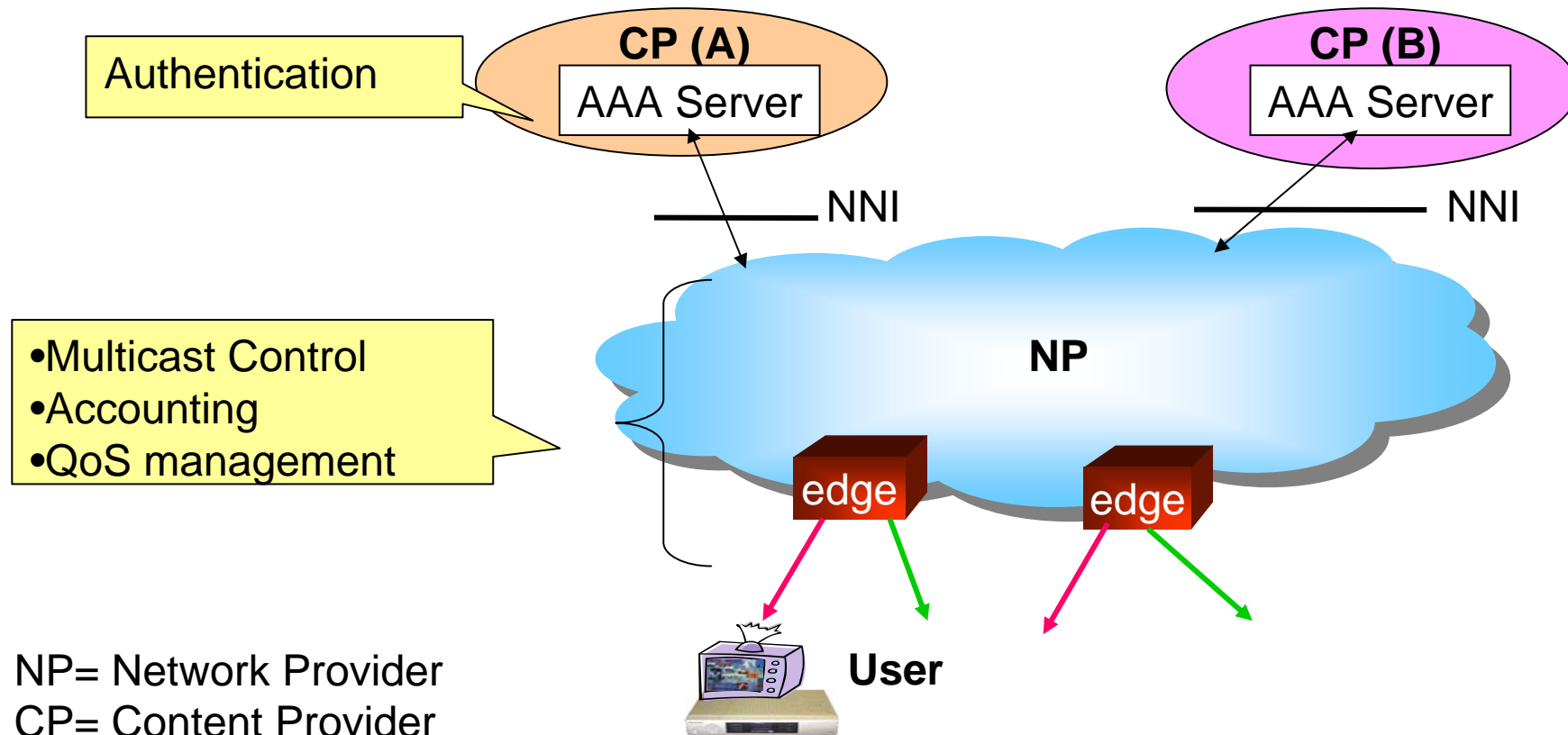


Extra Slides

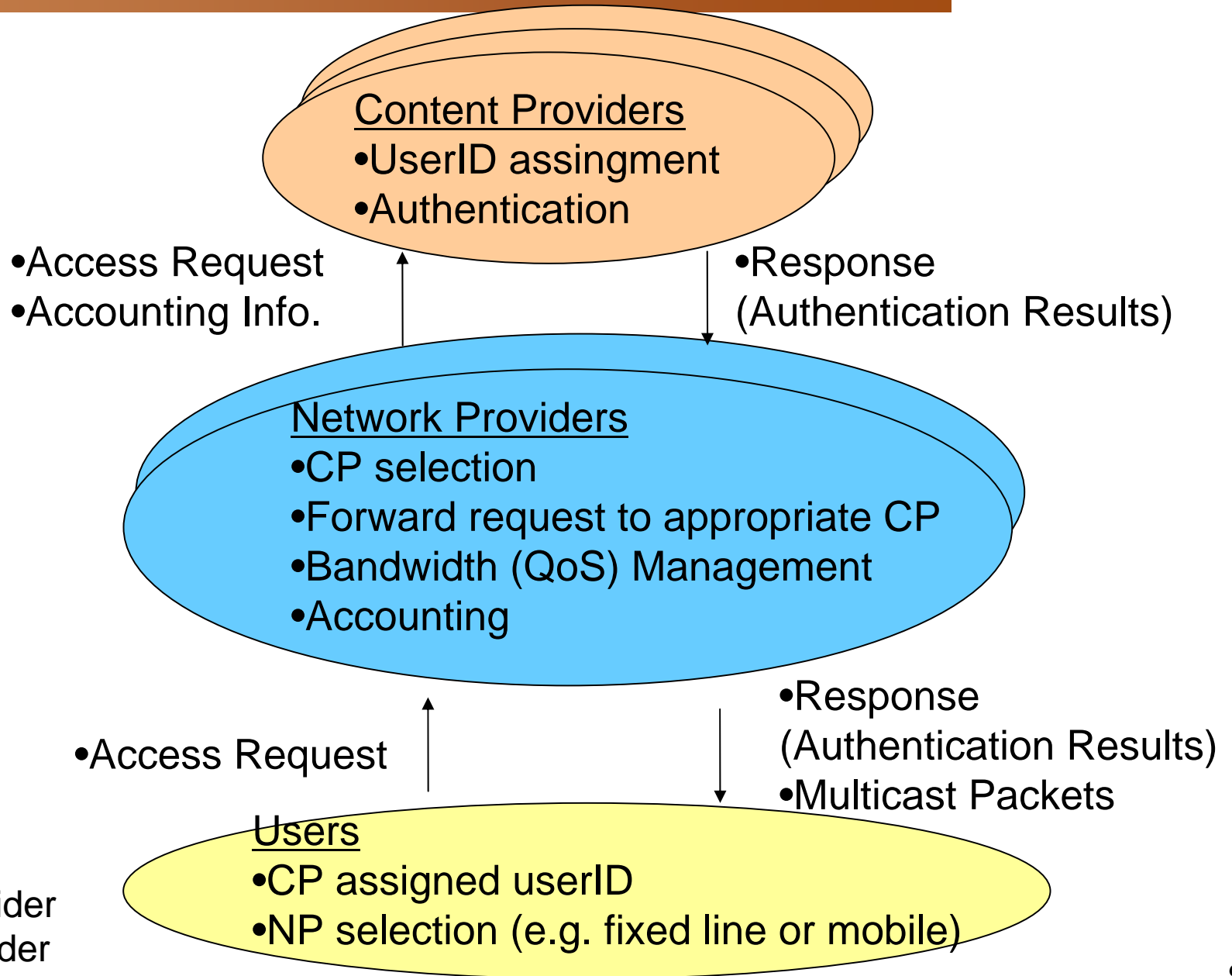


Functional Roles of Multiple-Entity Networks

- CP is responsible for **authentication** of content request
- NP's edge routers control **multicast** packets and collect J/L based **accounting** information
- NP is responsible for packet level **QoS** (if necessary)



A New Framework



Proposed Framework (overview)

Framework for multicast AAA and QoS Management

