ANCP Multicasting Capabilities

draft-ietf-ancp-mc-extensions-06.txt
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Situation

- This document adds six multicast-related capabilities:
 - NAS-initiated replication
 - Committed bandwidth reporting
 - Conditional access with black and white lists
 - Conditional access with grey lists
 - Bandwidth delegation
- Chairs have initiated WGLC twice, no reviewers, hence no advancement
- Huawei IPR declaration

How Do We Move Forward?

- Assign reviewers to sections of the document?
- Split the document?
 - limited possibilities see next charts

Capabilities vs. Messages Used

NAS-initiated replication

Committed bandwidth reporting

Conditional access with black and white lists

Conditional access with grey lists

Bandwidth delegation

Provisioning

Port Management

Multicast Replication Control

Multicast Flow Query

Committed Bandwidth Report

Multicast Admission Control

Bandwidth Reallocation
Bandwidth Transfer
Delegated Bandwidth Query

Capabilities vs. Messages Used

- Provisioning and Port Management are defined in the base document. Contents of each are capability-specific.
- Multicast Replication Control and Multicast Flow Query are shared.
 - Multicast Flow Query could stand alone.
 - Multicast Replication Control shared between NAS-initiated replication and Conditional access with grey lists
- Remaining messages are capability-specific.

Capabilities vs. TLVs Used

NAS-initiated replication

Committed bandwidth reporting

Conditional access with black and white lists

Conditional access with grey lists

Bandwidth delegation

MrepCtl-CAC

Sequence-Number

Multicast-Flow

Report-Buffering-Time

Committed-Bandwidth

Multicast-Service-Profile

Multicast-Service-Profile-Name

White-List-CAC

Bandwidth-Allocation

List-Action

Request-Source-IP

Request-Source-MAC

Bandwidth-Request