Objective

- To be able to transfer flow binding rules between MN/MR and HA/CN/MAP
- Aggregate flows in one BU (use of MCoA)
Operation

- Create flow bindings inputs at the MN/MR
  (out of scope of the Flow Binding I-D)

Flow X, Y : 802.11 interface, 802.16 interface
Flow W : 802.16 interface, 802.3
Flow Z : 802.3

Inputs for future flow bindings when attaching to foreign networks
Operation….cont

Inputs
Flow X, Y : 802.11 interface, 802.16 interface
Flow W : 802.16 interface, 802.3
Flow Z : 802.3

Send
One BU with CoA1 as source address and three flow binding options (Flow X, Flow Y and Flow W)
Operations…cont

- Create flow bindings on HA/MAP and MN/MR

Inputs
Flow X, Y: 802.11 interface, 802.16 interface
Flow W: 802.16 interface, 802.3
Flow Z: 802.3
Recent Updates

- Version 2 and 3 have been published since IETF66
- Address the following major updates
  - Section organization
  - Include MCoA support
  - Terminology section
  - CLS field
  - BID usage (via the Binding Reference)
  - n-casting
  - Update references
Flow identifier option
BID sub-option
BID usage

- Allow for bulk flow bindings registration
- Use the preferred field of BID option
n-casting

_Duplicating the same traffic to several locations_

- Only possible with the Binding Reference Sub-option
- CoAs must be firstly registered
- Flow Identifier option transports all BIDs
Remaining issues

- Preferred binding if MCoA is not used?
- Several editorial clarifications
- Identification of a binding
  - Current: HoA, FID
  - Need further clarification:
    - If MCoA is used, and n-casting is in place, we can have
      HoA1, BID1, FID1
      HoA1, BID2, FID1
      Use the triplet (HoA, BID, FID) where BID and FID can be null
Accept as WG item?