

# CLUE Framework

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Mark Duckworth

Allyn Romanow

Brian Baldino

Andy Pepperell

# Agenda

- Document changes from version 03 to 04
- Framework structure
- Issues and proposals
  - Simultaneous sets or mutually exclusive sets?
  - Ticket #7 – boolean “composed” attribute
  - Clarify what “composed=true” means
  - site-switch and segment-switch attribute

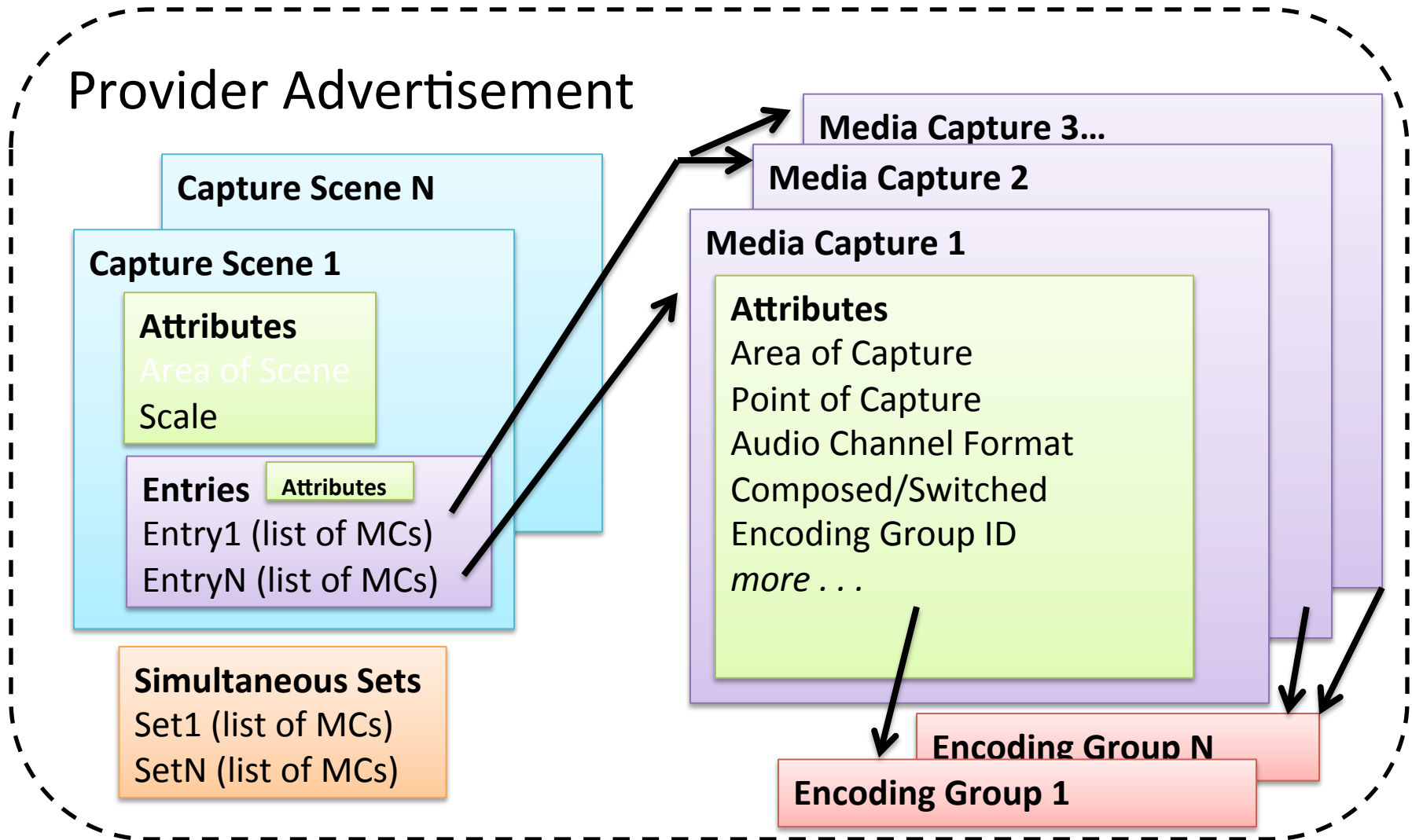
# Changes since interim meeting

- Clarify a consumer can choose a subset of captures from a capture scene entry
- Clarify a stereo audio capture is different from two mono audio captures
- Clarify what it means when coordinate information is not specified

# Changes since interim meeting

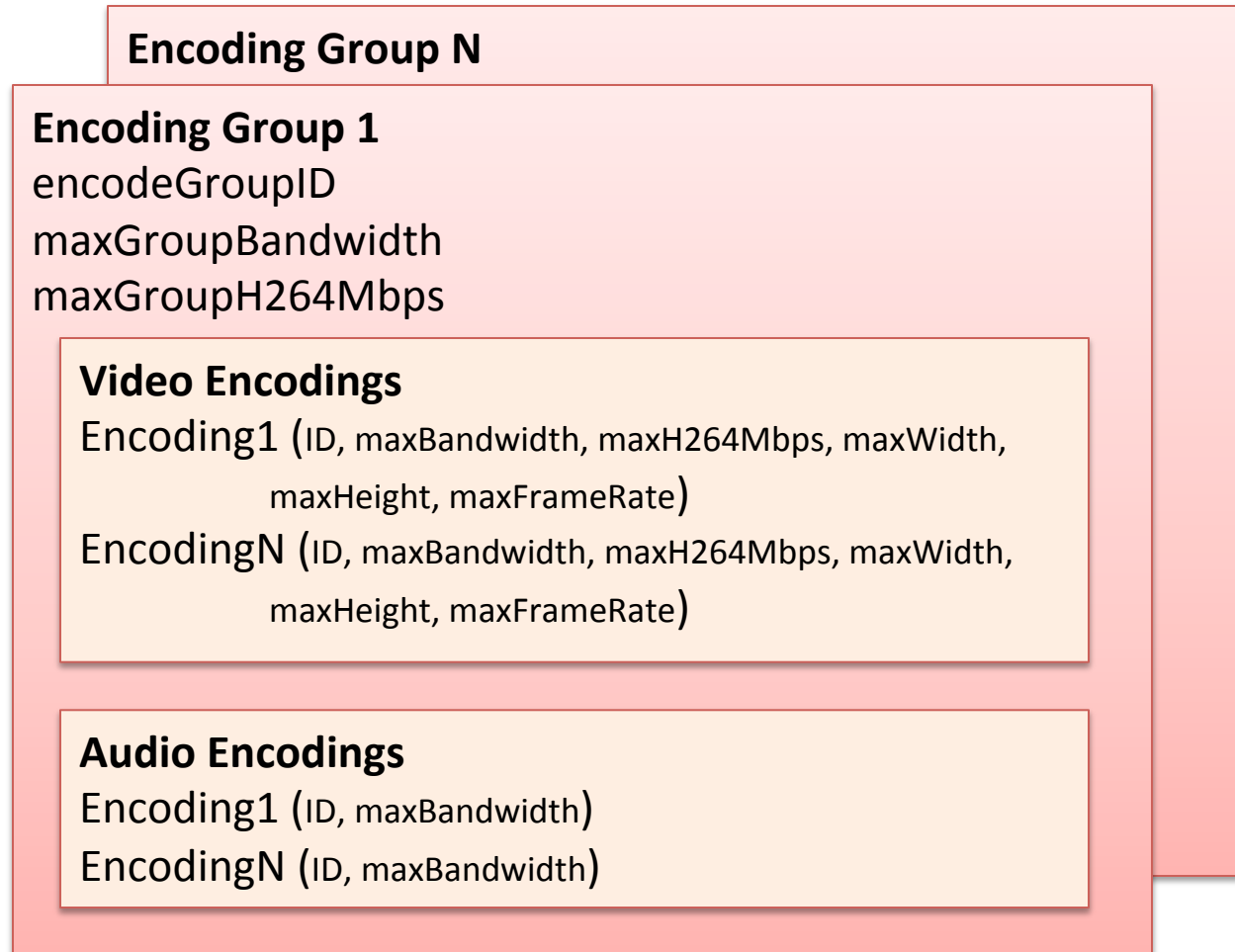
- Change name of "purpose" attribute to "content" and refer to RFC4796 for values.
- Clarify simultaneous sets apply across all capture scenes
- Remove sentence about lip-sync
- Combine "capture scene" and "capture set" into a single concept

# Framework structure – Captures



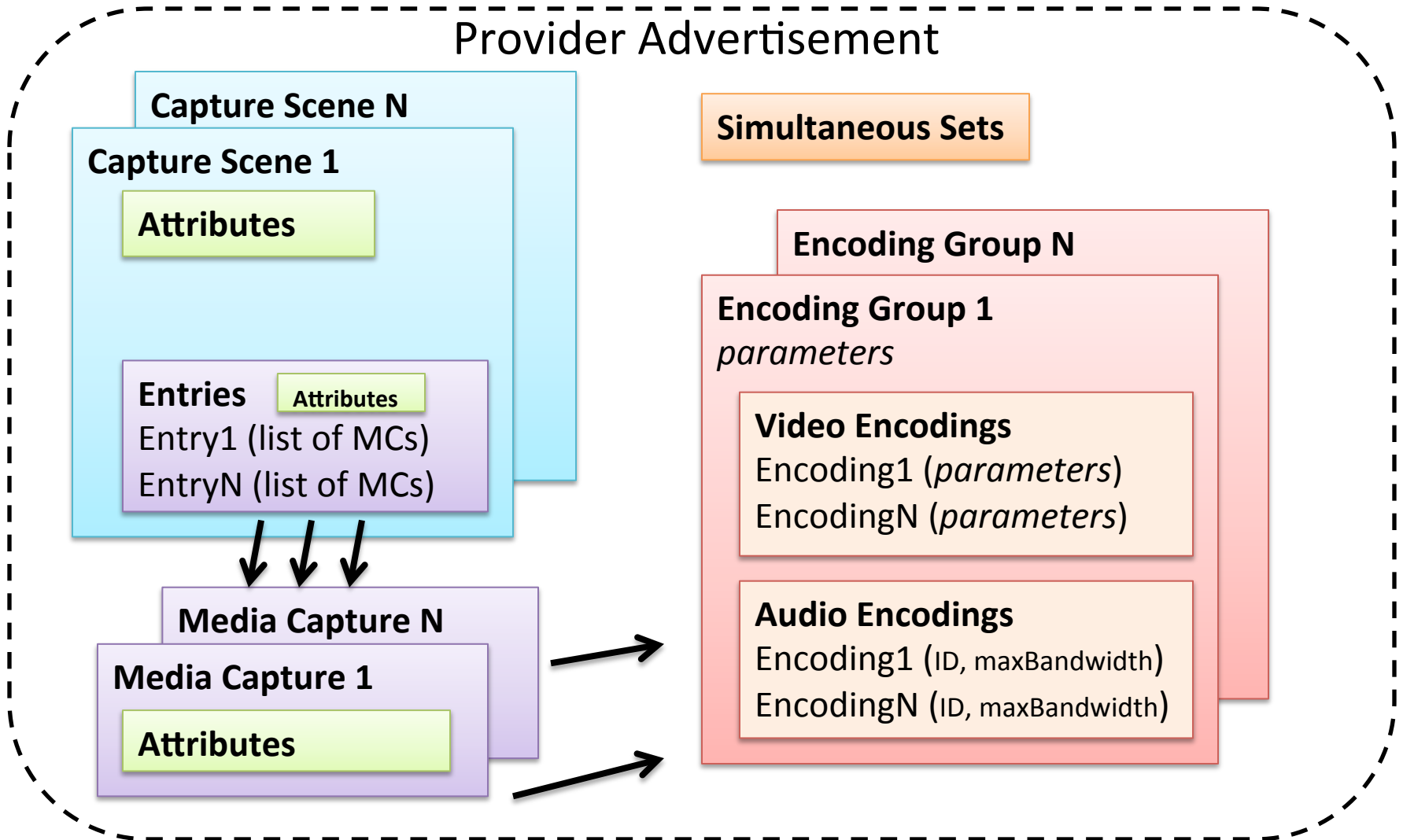
Note: each N can have a different value, they are not all the same

# Framework Structure – Encoding Groups



# Framework Structure Summary

## Provider Advertisement



# Simultaneous set representation

- Proposal – express it as mutually exclusive sets rather than simultaneous sets
  - More concise and scalable for cases with several mutually exclusive media captures
- If using simultaneous sets:
  - {VC1, VC3, VC5} {VC1, VC4, VC5} {VC1, VC3, VC6}  
  {VC1, VC4, VC6} {VC2, VC3, VC5} {VC2, VC4, VC5}  
  {VC2, VC3, VC6} {VC2, VC4, VC6}
- If using mutually exclusive sets:
  - {VC1, VC2} {VC3, VC4} {VC5, VC6}



# Ticket #7

- Propose Ticket #7 be closed, keep “composed” as a boolean attribute
- Add clarifying text for the attribute and for examples, that information like “loudest panel stream plus PiPs” cannot be conveyed using these simple attributes

# Clarify when to use “composed=true”

- Proposal – separate “video composed” and “audio mixed” attributes
- Composed=true means composition is artificial rather than a natural view
- MCUs might avoid receiving composed video

# Scene coordination policy

- Propose “scene-switch-policy” attribute for a capture scene entry
  - {site-switch, segment-switch}
- A capture scene entry that is neither site-switch nor segment-switch should omit this attribute