

# **RTCP for SSM**

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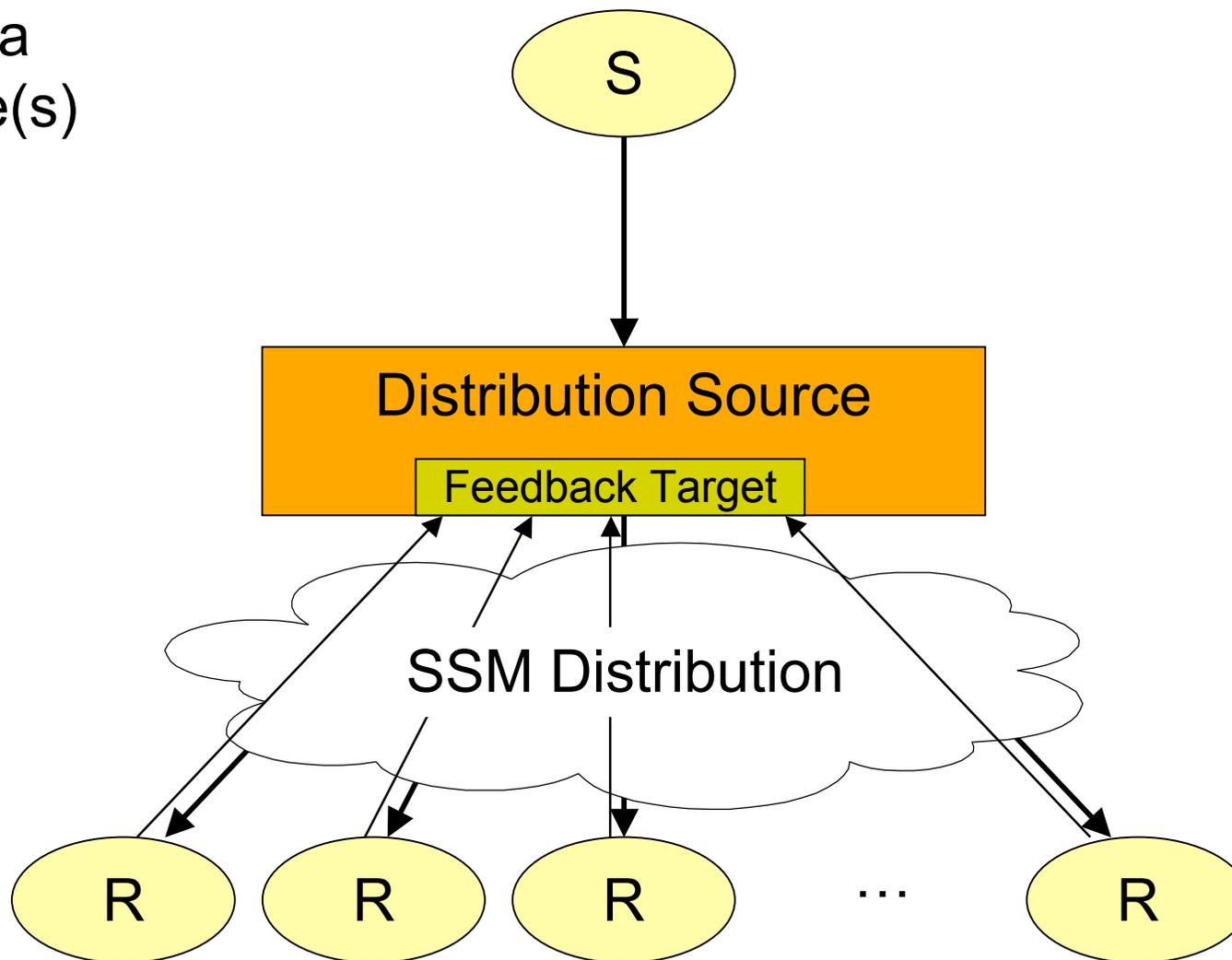
**21 March 2006**

# Changes from -09 to -11

- **Three Major changes**
  - **Conceptually decouple the Distribution Source (DS) from the Feedback Target (FT)**
    - FT previously only referred to the DS address
    - Now conceptually separate entity (logical function)
    - Multiple ones are allowed (scalability)
  - **Define communications between FT and DS**
    - Explicitly allow for sampling and summary forwarding
    - Describe limitations when applying this with multiple FTs
  - **More flexible aggregation vs. forwarding**
    - Simple feedback mode remains unchanged
    - Feedback summary mode allows passing
    - Explicitly signaled in SDP
  - **Plus lots of fixing and consistency stuff**

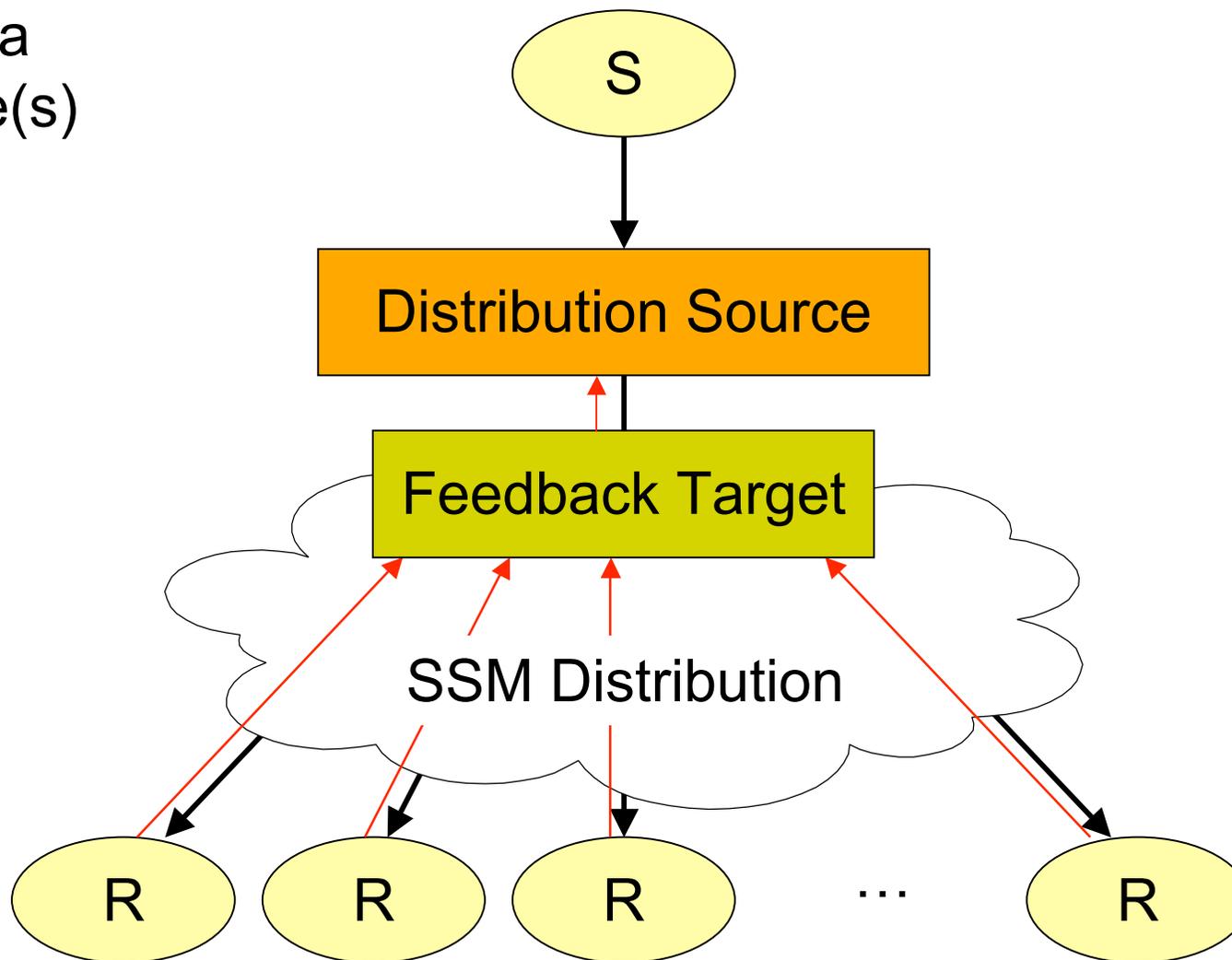
# RTCP SSM Big Picture: Before

Media  
Source(s)



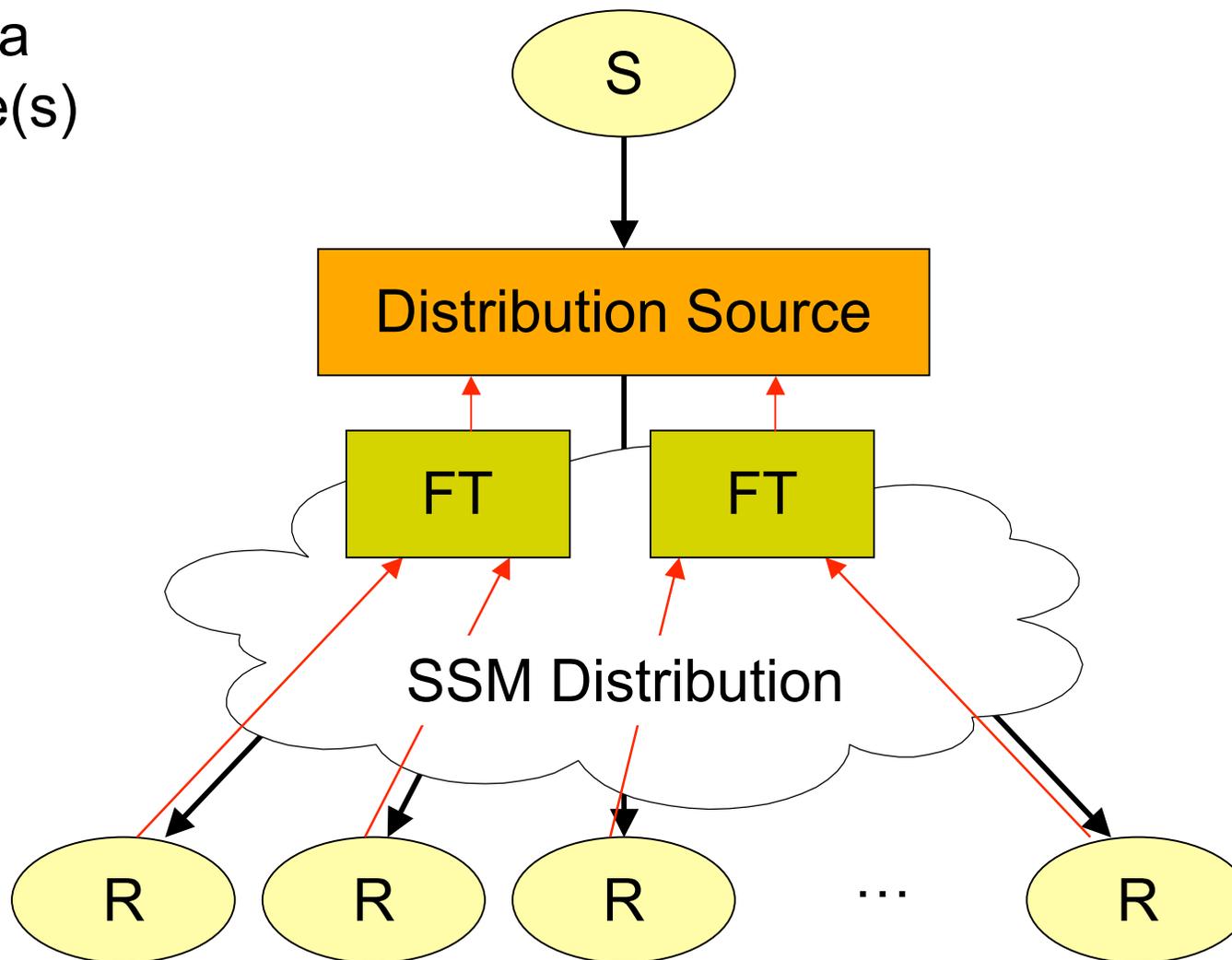
# RTCP SSM Big Picture: After (1)

Media  
Source(s)



# RTCP SSM Big Picture: After (2)

Media Source(s)



# Modified SDP Definitions

- **Simple feedback mode (unchanged)**
  - **rtcp-unicast:reflection**
- **Feedback Summary mode**
  - **rtcp-unicast:rsi [<processing>:<rtcp-type>]\***
    - “aggr” vs. “forward” vs. “term”
  - **Example:**  
**rtcp-unicast:rsi aggr:205 forward:206 term:207**

# Next Steps

- **Another Extensive review by Magnus**
  - **Several nits, some major clarifications**
- **Yet another editing & validation pass**
- **Care now or never**
  
- **WGLC**