

ACTIVITIES**ACTIVITY 2.1**

The attached files show the RTP network traces of a multimedia session between two participants (A and B) with the involvement of a middlebox (M).

Data:

- Participant A is at IP address: 192.168.0.160
- Participant B is at IP address: 192.168.0.160
- Middlebox M is at IP address: 192.168.0.173

Please analyse the traces and respond to the following questions for each of the traces:

1. What is the type of middlebox involved? Why?
2. How many RTP streams are there? Please indicate their SSRC values.
3. Indicate what are the CNAMEs of the RTP endpoints at A and B
4. How many sessions are there? Please indicate what are the transport parameters that identify the sessions
5. What types of RTCP messages are exchanged? How often are RTCP messages sent?
6. Using Wireshark please determine, for each stream: the average jitter, the maximum jitter, the packet loss rate