

Interpretation Number: 1-03/05
Topic: Discovery Handshake Message Exchange
Relevant Clause: Figure 64-14
Classification: Possible defect

Interpretation Request

1. In the figure 64-14 Discovery Handshake Message Exchange, the OLT will send second gate. Its DA is MAC control.

Is this meaning that the DA is Multicast?

But in page 495, the first line -

MA_CONTROL.request(DA,GATE,...), its DA is unicast MAC address.

2. The same, in the figure 64-14 Discovery Handshake Message Exchange, the OLT will send REGISTER frame to ONU. Its DA is unicast address.

But in page 495, the last line -

MA_CONTROL.request(DA,REGISTER,...), its DA is multicast MAC address.

Which address is right in the discovery process?

Interpretation for IEEE Std 802.3ah-2004

Concerns have been raised about this issue that is being considered in the IEEE P802.3REVam revision.