Response to Reviewer 2 Comments

**Point 1:** What is not very clear is the connection between the proposed algorithms and the segment routing technology. At best of my understanding the proposed schemes could be applied also on traditional communications network not using segment routing. The authors should better clarify this point.

**Response 1:** Our proposed routing algorithms in the paper is designed for SR in SDN. The SDN controller only needs to code end-to-end routing information into an ordered list of tags and store it in the packet header. Routing is performed by the ordered list of tags in the packet header. And SR avoids the requirement for millions of tag encodings to be stored along each path in each network device and eliminates the complexity of maintaining a mass of forwarding rules. Of course, our method can also be applied to the networks not using SR as a general routing algorithm. We have already supplemented this point in the section 3.3 algorithm summary.