

# 200Gb/s Ethernet End User Comments

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IEEE 802.3 50 Gb/s Ethernet Over a Single Lane and Next  
Generation 100 Gb/s and 200 Gb/s Ethernet Study Group  
IEEE 802.3 200 Gb/s Ethernet Single-mode Fiber Study Group  
802.3 Plenary Session  
Macau, China  
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# Background

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- Study Group concerns have been raised about end user interest in 200Gb/s Ethernet.
- This is a result of a more general industry trend towards solutions optimized to individual user needs and away from common industry solutions.
- Some end users will transition directly from 100Gb/s Ethernet to 400Gb/s Ethernet, and see 200Gb/s as a diversion of resources away from 400Gb/s development.
- Other end users want to go from 100Gb/s Ethernet to 200Gb/s Ethernet, then followed by 400Gb/s Ethernet.
- A request was sent out on 3/14/15 to several end users requesting their position on 200Gb/s Ethernet and MAC.
- Responses received in the last day are on the next page.
- Additional responses are expected.

# End User Comments

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- Hong Liu, Google

“Google is interested in 200Gb/s MAC. 200Gb/s Ethernet has larger radix than 400Gb/s Ethernet, and better hashing efficiency than 2x100Gb/s Ethernet.”

- Yuval Bachar, LinkedIn

"200G is a step in the network evolution that we cannot skip based on the pace of the data needs growth and the mismatch between that growth and the optical module development cycle. For LinkedIn we see a path where 200G will be our fabric connectivity speed that will enable us to address our future network needs"

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Thank you