

Ethernet OAM Levels in Global Research Networks

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MD Levels defined in IEEE 802.1ag

7	Customer	End-to-End ↑ ↓ Link
6		
5		
4	Service Provider	
3		
2	Operator	
1		
0		

Monitoring in Ethernet OAM occurs between Measurement End Points (MEPs). Ethernet OAM defines eight Maintenance Domain (MD) levels (0..7) to specify the scope of the segment to measure: e.g. level 0 is typically used for monitoring individual links, while level 7 is typically used for monitoring end-to-end services.

The topology below gives an example how this can be applied in global research networks.

