

Request to Establish Liaison Relationships / Coordinators

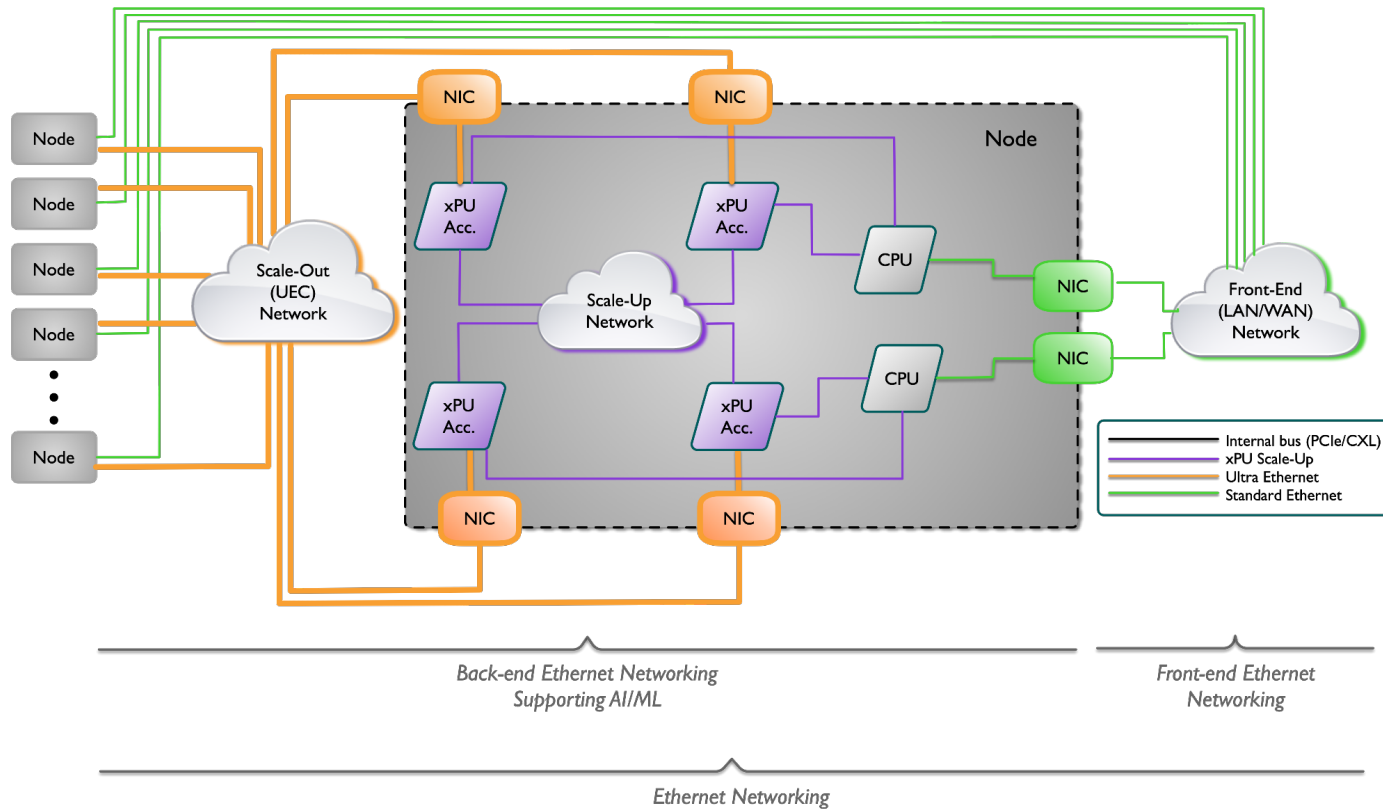
John D'Ambrosia

Futurewei, U.S. Subsidiary of Huawei

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Introduction - “Ethernet for AI” Assessment

General Purpose vs. Scale-Up versus Scale-Out (UEC) Networks



Source: Ultra Ethernet Consortium

- “802.3 Ethernet Interconnect for AI” with an emphasis on >200 Gb/s signaling per lane
- Potential topics
 - AI Networks & Performance Requirements
 - Market Potential
 - What AI interconnects are target interconnects for Ethernet
 - Priorities
 - Exploring Technical Feasibility
 - Others.....
- Other organizations have information related to these topics that would be beneficial for this activity

Introduction – Request for Liaison Relationship / Coordinators

These organizations are either exploring or defining technologies related to AI applications / networks or related signaling and interconnects:

- Open Compute Project (OCP) Foundation
- Ultra Ethernet Consortium (UEC)
- SNIA / SFF
- Ethernet Alliance
- Optical Interworking Forum (OIF)
- UALink Consortium

These organizations have access to significant technical competence and expertise in the application of Ethernet technology and specifications in AI networks. This knowledge could be beneficial to the IEEE 802.3 NEA “Ethernet for AI” Assessment activity, which could provide guidance to future IEEE 802.3 projects regarding interconnect needs that could be targeted with new Ethernet specifications. Therefore, the close alignment with these organizations could provide insight that would be beneficial.

Currently, IEEE 802.3 only has liaison relationships with OIF and UALink (but no IEEE 802.3 external liaison coordinator has been specified for either organization).

WG Motion – Request for Liaison Relationship / Coordinators

Motion:

Establish a liaison relationship with Open Compute Project (OCP) Foundation, Ultra Ethernet Consortium (UEC), Storage Networking Industry Association (SNIA)/Small Form Factor (SFF) Committee, and Ethernet Alliance

Appoint:

- John D’Ambrosia as the IEEE 802.3 Standards Committee External Liaison coordinator to OCP Foundation
- Mark Nowell as the IEEE 802.3 Standards Committee External Liaison coordinator to UEC
- Tom Palkert as the IEEE 802.3 Standards Committee External Liaison coordinator to SNIA/SFF Committee
- Peter Jones as the IEEE 802.3 Standards Committee External Liaison coordinator to Ethernet Alliance

- Kent Lusted as the IEEE 802.3 Standards Committee External Liaison coordinator to UALink Consortium
- Nathan Tracy as the IEEE 802.3 Standards Committee External Liaison coordinator to OIF

M: John D’Ambrosia

S: Kent Lusted

Technical (>=75%)

Y: N: A:

WG Motion

- The IEEE 802.3 WG approve:
 - IEEE_802d3_to_UAL_UEC_OCP_SFF_EA_OIF_2503_Redacted.pdf
- with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to
 - Open Compute Project (OCP) Foundation
 - UALink Consortium
 - Ultra Ethernet Consortium (UEC)
 - SNIA / SFF
 - Ethernet Alliance
 - Optical Interworking Forum (OIF)

M: John D'Ambrosia

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