

OFA Futures Panel



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Terry Hulett, Intel

Where Do We Go From Here?

- OFA Verbs has become the 2nd most important networking API 😊
 - It has taken over 12 years to get here
 - VI specification published in 1997
 - Asynchronous, easily pipelined, message oriented & OS by-pass
- It is time to expand focus
 - RDMA semantics normally require application or middleware modification
 - We do RDMA well!
 - We need to develop APIs that support existing applications
 - UD Verbs extensions are an example

What is RDMAoE?

RDMAoE == iWARP

- Full TCP is overkill for DCB enabled fabrics
- iWARP for RDMAoE is like X86 is to instruction sets
- Unnecessary overhead is not sufficient to start over on an 8 year journey
 - Even if we can get there in ½ the time it isn't worth it
- Intel is on a path to deliver iWARP to every server motherboard

Thank you!



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