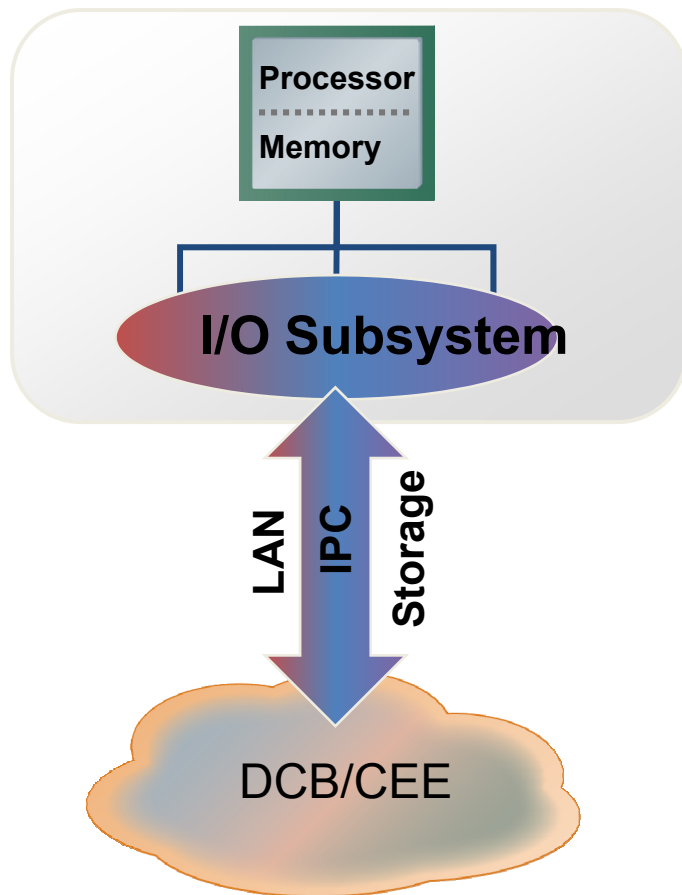


Converged Networks Panel Discussion

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Fellow , QLogic

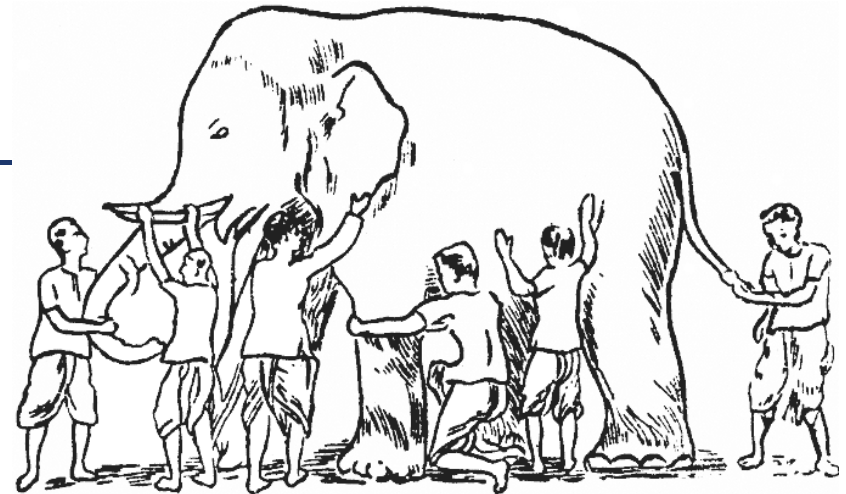
Ethernet as Converged Fabric



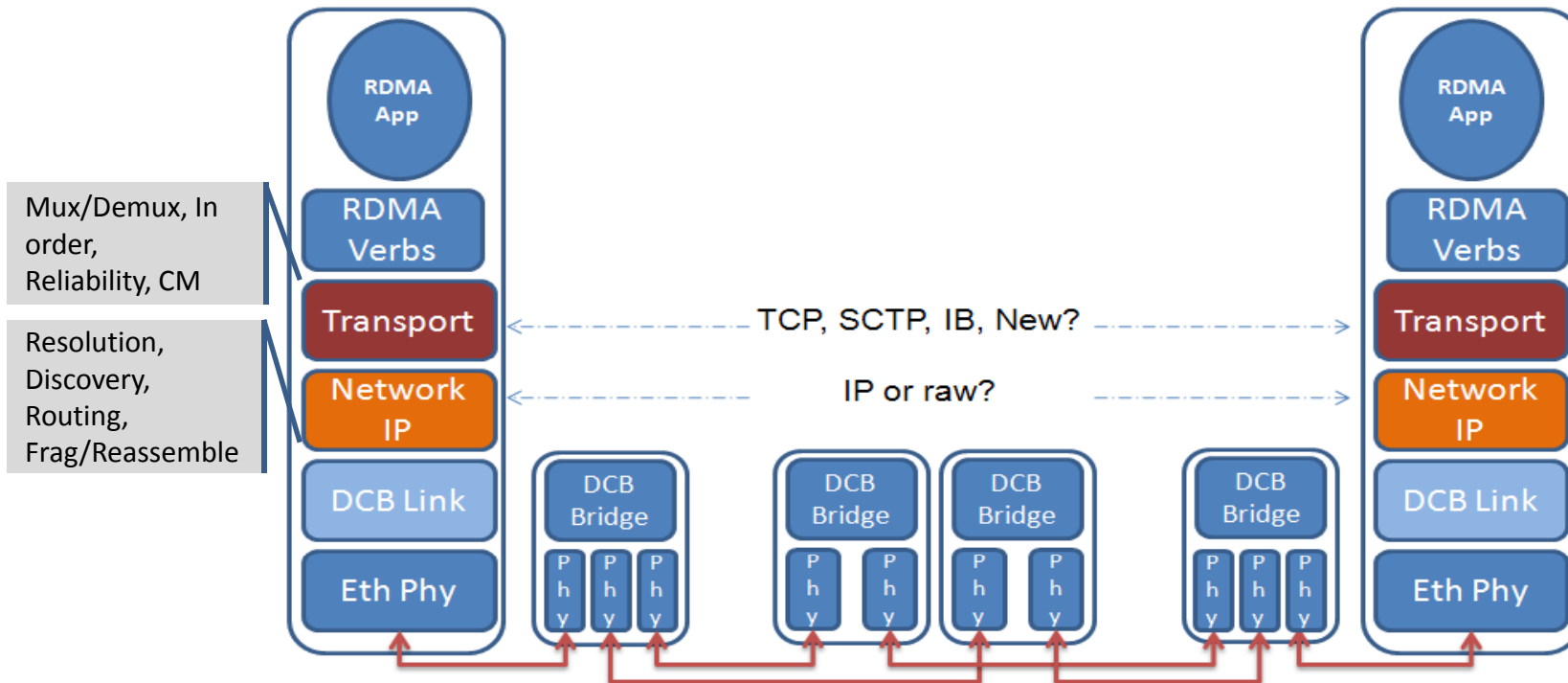
- **Ethernet continues to evolve**
 - Not one-size-fit-all any more
 - Provider Bridging, Data Center Bridging, AV Bridging etc.
- **But follows key guidelines**
 - Backward compatibility, Plug-and-play
- **Before DCB:**
 - LAN: Default fabric
 - Storage: NAS, iSCSI
 - IPC/HPC: Sockets, iWARP
- **With DCB:**
 - Storage: FCoE
 - New usage model – allows connecting seamlessly to existing FC targets
 - Will RDMA apps benefit from DCB?

RDMA over Ethernet: Few Questions

- **RDMA: Which?**
 - Isn't RDMA over Ethernet same as iWARP?
 - Verb interface defined in OFED?
- **Ethernet: Which?**
 - Legacy or partially Converged, End-to-end DCB?
 - Bi-sectional bandwidth needs, discovery, name services?
- **Deployment Model: Which?**
 - Converged with common infrastructure in DC or
 - Converged components but isolated deployment?
 - Wire compatibility?
- **BTW – are we sure we want Ethernet?**



Need for defining problem statement



- **Deployment scenario: Scope of solution**
- **Purpose: What pain points are we targeting?**
 - Same wire, Scalability, simplified management, cost?



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