OFA@HP

Server OEM Panel

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Where we use OFA Software

➢ Systems

- High-Performance Clusters
  - From basic standard configurations to very large custom systems
  - Multiple Linux kernels and distributions
  - Multiple interconnect hardware vendors
- High Performance File System (HP SFS)
  - Based on Lustre™
- Limited use in HP-UX (SRP, RDS)

Where we use OFA Software

➢ Software

- HP MPI
- HP SHMEM

➢ Preconfigured Hardware Systems

- HP Oracle Exadata Storage
- HP Oracle Database Machine
- HP BladeSystem for Oracle Optimized Warehouse (OOW)
- FSI Market Data

OFA Software

➢ Great stuff

➢ Often 'just' part of a much larger system

➢ Should just work, like compilers, power supplies and Ethernet

Challenges

➤ Very large fabrics

➤ Constant addition and improvement

- Ethernet RDMA alternatives

- DCB/DCE

- etc.

➤ Value-added vendor stacks

➤ Support