



Flash Memory Summit

# Persistent Memory in Oracle Exadata

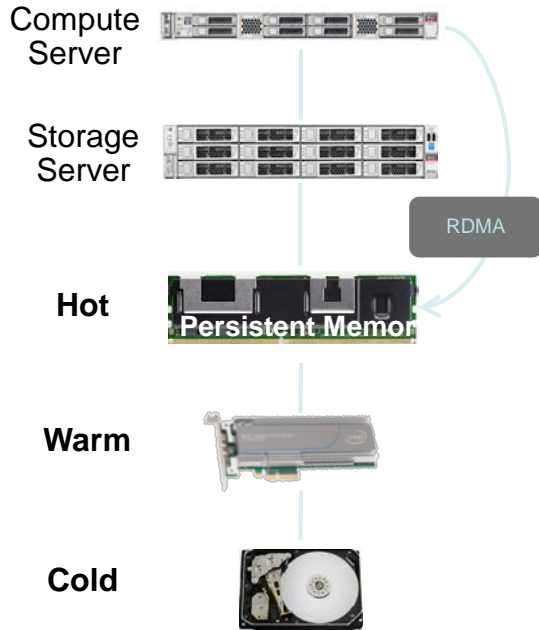
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# Preview: Oracle Exadata – Persistent Memory Accelerator for OLTP



- Exadata Storage Servers will add Persistent Memory Accelerator in front of Flash memory
- **RDMA** bypasses the software stack, giving 10X faster access **latency** to remote Persistent Memory
- Persistent Memory mirrored across storage servers for fault-tolerance
- Persistent Memory used as a **shared cache** effectively increases its capacity 10x vs using it directly as expensive storage
- Log Writes will use RDMA to achieve super fast commits