

ALCF Update

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ALCF Resources at a Glance



IB fabric



Cray Sonexion
10 PB, 200 GB/s



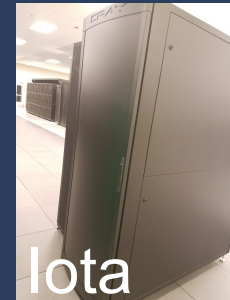
IBM ESS
GPFS
8 PB, 400 GB/s



DDN GPFS
fs0 20 PB, 200 GB/s
fs1 7 PB, 90 GB/s
home 1PB



3 Spectra
Logic T950
30,000
tapes



T&D
IB fabric



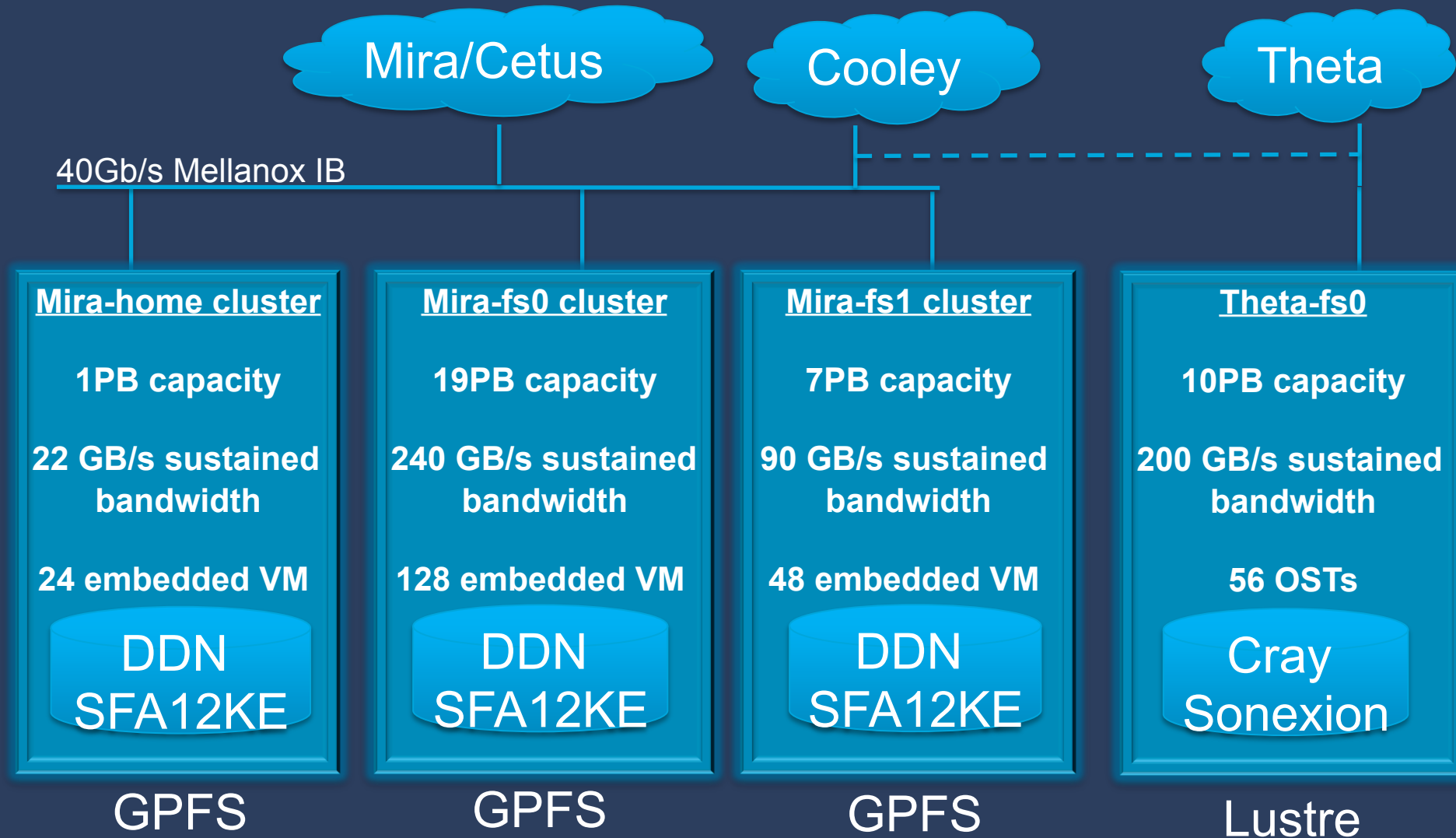
12 Data
Transfer
nodes



Joint Laboratory for
System Evaluation



ALCF File System Storage



ALCF 2021 EXASCALE SUPERCOMPUTER – A21

Intel/Cray Aurora supercomputer planned for 2018 shifted to 2021
 Scaled up from **180 PF to over 1000 PF**



Support for three “pillars”

