

SARA setup

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SARA



SGI Origin 3800

- Mass Storage facilities offered as part of the national supercomputer services



SGI/Intel Altix 3700

- Currently two systems, an SGI Origin3800 with 1024 MIPS CPUs and SGI ALTIX system with 416 Itanium CPUs



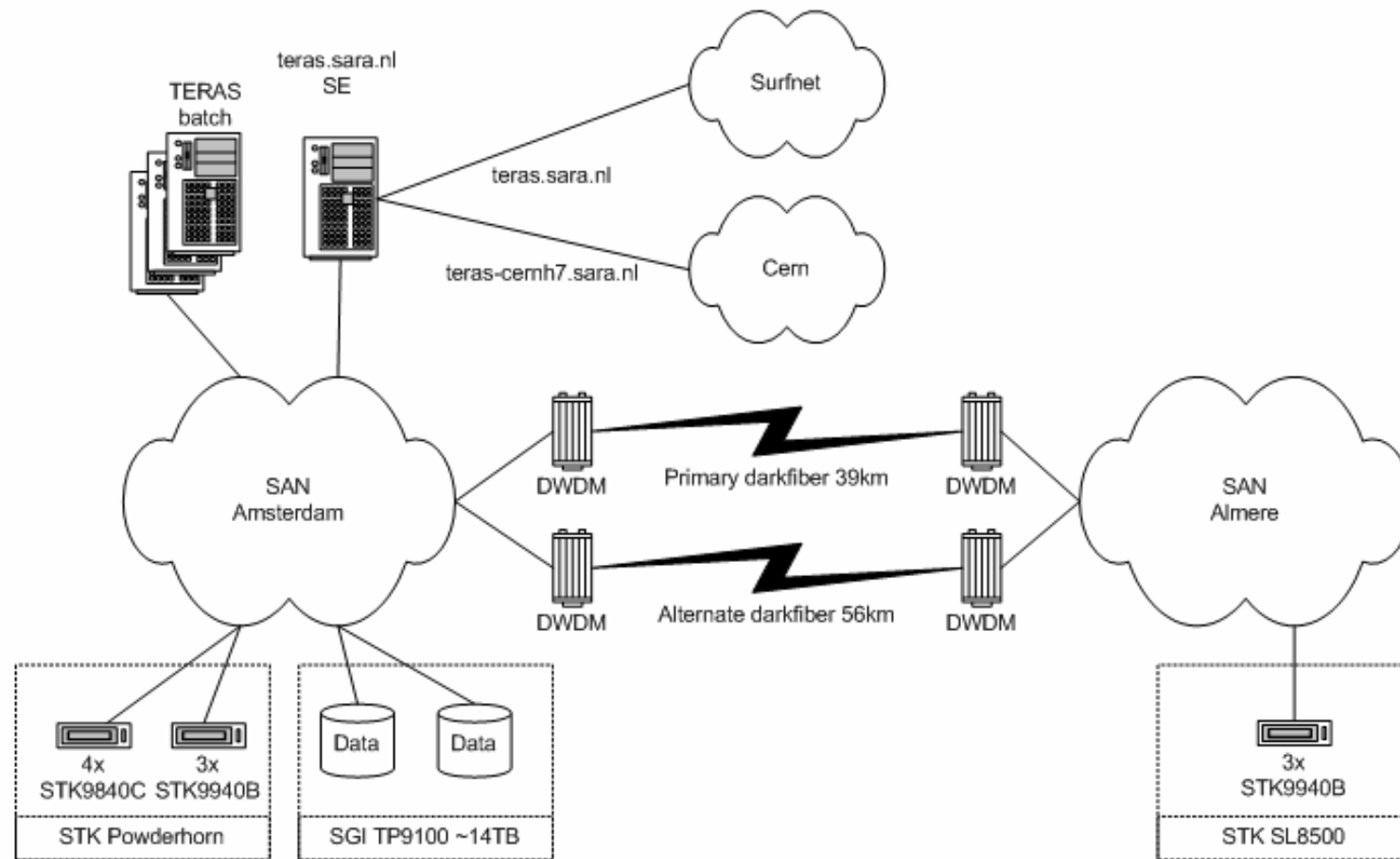
- Tape library with capacity of 1.2 PByte



- To be placed soon second tape library starting with 250TB capacity (at Almere). Can grow to 60PB!

SL8500

Overview Storage Element TERAS



- SGI Origin3800
 - 32x R14k mips 500 MHz, 1GB/processor
 - TERAS Interactive node and Grid SE
 - Mass Storage environment
 - ▶ SGI TP9100, 14 TB RAID5, FC-based
 - ▶ CXFS SAN shared file system
 - Home file systems
 - Grid SE file system = Robust Data Challenge FS
 - > max 400 MB/s
 - Batch scratch file systems
 - ▶ DMF/TMF Hierarchical Storage Management
 - Transparent data migration to tape
 - Home file systems
 - Grid SE file system

