

T3-Status UNI-KARLSRUHE

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- Shared Cluster IC1 at University of Karlsruhe
 - 1600 cores
 - CPUs per node: 2x Intel Xeon quad core
 - RAM: 16 GB
 - Network: Infiniband / Gigabit Ethernet
 - ~350 TB Storage:
 - File system: Lustre
 - OS: Suse Linux Enterprise 10 SP2
 - Shared between 8 different university institutes

Status T3

- Complete T3 will be back in operation soon
 - All gLite services virtualized (CE,SE,MONBOX,BDII)
 - CE will run jobs on dynamic virtualized worker nodes in a test environment of the ic1 cluster first
 - Batch system: MAUI/Torque
 - Virtualization: KVM (078) SLES 10 sp2 standard kernel
- SE
 - DPM experiences
 - Protocols: Gsiftp,srm1,srm2,srm2.2
 - Good replacement for Classic SE
 - Easy maintenance / deployment
 - Fully transparent to local users without overloading the SE (files are available in lustre through posix conform access)

 - Stable operation for ~6 months for IEKP internal use (not published via bdii)
 - Lustre mounted via nfs
 - ~10 TB transferred as test data
 - Will be published to CMS-VO this week