

LCLS Control System Production Systems

LCLS Controls UNIX System

Production System					
Nodename	Network	OS	Hardware	Location	Functions
lcls-prod01	DMZ	RHEL4 32 bit	Dell Power Edge 1950, 2 x dual Intel Xeon 3.00GHz CPUs, 8GB Memory	MCC	Daemon Host: Virtual X server, CMLOG server, Channel Watcher, ioclogandfwdserver, ALH, fwdBro, soft IOCs, and etc.
lcls-prod02	DMZ	RHEL4 32 bit	Dell Power Edge 1950, 2 x dual Intel Xeon 3.00GHz CPUs, 8GB Memory	MCC	Interactive Application Hosts: command server (cmdSrv) , Matlab, edm (lclshome), StripTool, ArchiverViewer, and etc.
lcls-mcc01	DMZ	RHEL4 32 bit	Dell Precision 690 WS, 4x24 Monitors	MCC	LCLS Control system Operations. Kiosk acct: LCLSMCC01
lcls-mcc02	DMZ	RHEL4 32 bit	Dell Precision 690 WS, 2x24 Monitors	MCC	LCLS Control system Operations. Kiosk acct: LCLSMCC02
lcls-mcc03	DMZ	RHEL4 32 bit	Dell Precision 690 WS, 2x24 Monitors	MCC	LCLS Control system Operations. Kiosk acct: LCLSMCC03
lcls-archeng	CA	RHEL4 32 bit	Dell Power Edge 2950, 2 x dual Intel Xeon 3.00GHz CPUs, 8GB Memory, RAID 10	MCC	Channel Archiver Sampling Machine: Archiver Daemon and Engines, local data storage
lcls-archsrv	DMZ	RHEL4 32 bit	Dell Power Edge 1950, 2 x dual Intel Xeon 3.00GHz CPUs, 8GB Memory	MCC	Channel Archiver Serving Machine: Archiver Data Server, IndexTool, Data Pulling
mcifs0	LAVC, LEB, PEP, LCLSCA	Solaris 9	Sun Fire V240, dual 1GHz UltraSparc CPUs, 4GB Memory, RAID 1	MCC	NFS server: application file server, local data buffer, IOC booting server ; Matlab license server on LCLSCA
px00	PEP	RHEL3 32 bit	Dell Power Edge 1750, dual Intel Xeon 2.4GHz CPUs, 2GB Memory	MCC	Proxy server for SLC-aware IOC
mccelog	LAVC	Solaris 9	Sun Netra T1, 440MHz UltraSparc CPU, 1GB Memory	MCC	Elog server, Web server for Elog entry
mccora2	LAVC	Solaris 9	Sun Fire V240, dual 1.5GHz UltraSparc CPUs, 4GB Memory, StoreEdge T3	MCC	Oracle database server for Elog
physics-elog	PUB	RHEL4 32 bit	Dell Power Edge 1950, dual Intel Xeon 1.5GHz CPUs, 1GB Memory	MCC	Elog (DESY version) for LCLS physicists
sunsrv00	LAVC, PEP	Solaris 10	Sun Fire V240, dual 1.5GHz UltraSparc CPUs, 6GB Memory	MCC	Sun Ray server for Sun Ray clients replacing NCDs
mccas0	LAVC	Solaris 9	Sun Fire V240, 1GHz UltraSparc CPU, 1GB Memory	MCC	General Aida servers as well as LCLS (and PEP-II) specific Aida servers
Development System					
Nodename	Network	OS	Hardware	Location	Functions
lcls-dev	LCLSD EV	RHEL3 32 bit	Dell Power Edge 2850, 2 x dual Intel Xeon 3.00GHz CPUs, 4GB Memory	B280	LCLS Wiki host
lcls-dev2	LCLSD EV	RHEL4 32 bit	Dell Power Edge 2850, 2 x dual Intel Xeon 2.8GHz CPUs, 4GB Memory	MCC	for LCLS Software development, build and test. Cmllog server, ChannelWatcher and ioclogandfwdserver for development