

# 2017-12-14 NCSA Maintenance Details

Event	Start	End	Description	Affected
Network switch replacement	04:00	07:00	<ul style="list-style-type: none"> <li>physically rack the new (preconfigured) switch</li> <li>move connections</li> <li>check configuration and functionality</li> <li>check systems attached to the switch</li> <li>break the other two switches out from the existing network and convert them to the new model</li> </ul>	verification cluster PDAC environment adm01, backup01, monitor01, bastion01, repos01, all object data nodes, gpfs node
OS Updates	06:00	10:00		all systems & services (except L1 test stand)
Deploy new lsst-dev-db MySQL server	04:00	10:00	The lsst-db server (lsst10.ncsa.illinois.edu) will be replaced with new hardware running MariaDB 10.2. All data will be migrated to the new server (lsst-dev-db.ncsa.illinois.edu) and the old hostnames will point to the new server (via CNAMEs). Users can test the new lsst-dev-db.ncsa.illinois.edu server beginning 2017-12-06. It contains a copy of all data from that date. Users have access to MySQL from any remote host. Most users do not have or need SSH access to this host, but SSH access is limited to only from NCSA's subnet.	lsst10.ncsa.illinois.edu
Firmware and OS Updates dev environment	05:30	08:30	<b>Note that the L1 test stand will not be affected.</b>	all LSST Development Servers lsst-stor141 Storage Server Setup LSST vSphere LSST Web Services lsst-xfer
OS Updates to cluster environments and PDAC	05:30	08:30		PDAC environment  verification cluster
Firmware updates on Lenovo nodes	05:30	08:30		PDAC environment