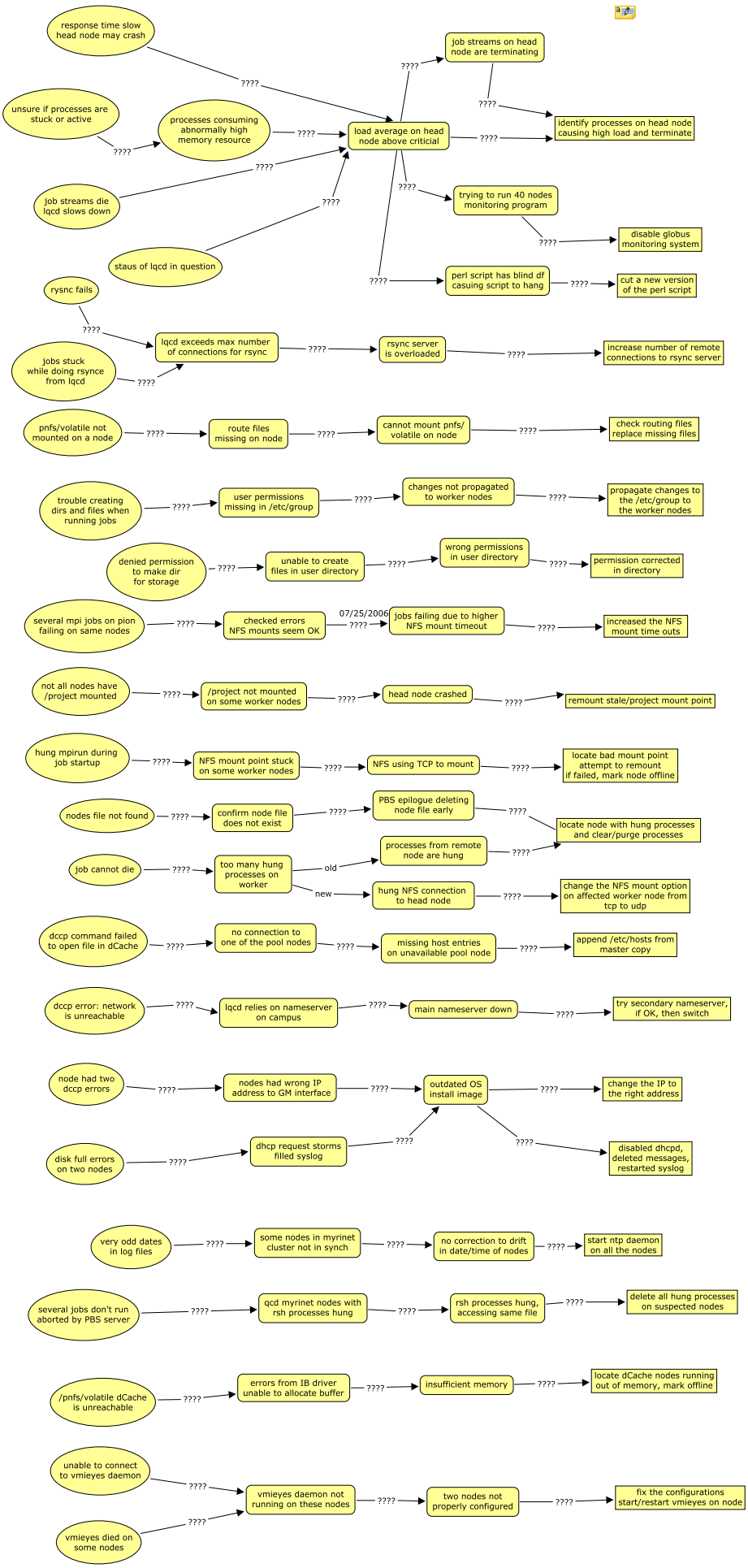
response time slow head node may crash
job streams on head node are terminating
unsure if processes are stuck or active
processes consuming abnormally high memory resource
load average on head node above criticial
identify processes on head node causing high load and terminate
job streams die lqcd slows down
trying to run 40 nodes monitoring program
disable globus monitoring system
staus of lqcd in question
perl script has blind df casuing script to hang
cut a new version of the perl script
rysnc fails
lqcd exceeds max number of connections for rsync
rsync server is overloaded
increase number of remote connections to rsync server
jobs stuck while doing rsynce from lqcd
pnfs/volatile not mounted on a node
route files missing on node
cannot mount pnfs/ volatile on node
check routing files replace missing files
trouble creating dirs and files when running jobs
user permissions missing in /etc/group
changes not propagated to worker nodes
propagate changes to the /etc/group to the worker nodes
denied permission to make dir for storage
unable to create files in user directory
wrong permissions in user directory
permission corrected in directory
several mpi jobs on pion failing on same nodes
checked errors NFS mounts seem OK
07/25/2006
jobs failing due to higher NFS mount timeout
increased the NFS mount time outs
not all nodes have /project mounted
/project not mounted on some worker nodes
head node crashed
remount stale/project mount point
hung mpirun during job startup
NFS mount point stuck on some worker nodes
NFS using TCP to mount
locate bad mount point attempt to remount if failed, mark node offline
nodes file not found
confirm node file does not exist
PBS epilogue deleting node file early
locate node with hung processes and clear/purge processes
processes from remote node are hung
job cannot die
too many hung processes on worker
old
new
hung NFS connection to head node
change the NFS mount option on affected worker node from tcp to udp
dccp command failed to open file in dCache
no connection to one of the pool nodes
missing host entries on unavailable pool node
append /etc/hosts from master copy
dccp error: network is unreachable
lqcd relies on nameserver on campus
main nameserver down
try secondary nameserver, if OK, then switch
node had two dccp errors
nodes had wrong IP address to GM interface
outdated OS install image
change the IP to the right address
disk full errors on two nodes
dhcp request storms filled syslog
disabled dhcpd, deleted messages, restarted syslog
very odd dates in log files
some nodes in myrinet cluster not in synch
no correction to drift in date/time of nodes
start ntp daemon on all the nodes
several jobs don't run aborted by PBS server
qcd myrinet nodes with rsh processes hung
rsh processes hung, accessing same file
delete all hung processes on suspected nodes
/pnfs/volatile dCache is unreachable
errors from IB driver unable to allocate buffer
insufficient memory
locate dCache nodes running out of memory, mark offline
unable to connect to vmieyes daemon
vmieyes daemon not running on these nodes
two nodes not properly configured
fix the configurations start/restart vmieyes on node
vmieyes died on some nodes
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