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# Nova configuracao MAUI - 30-05-2006

# full parameter docs at http://supercluster.org/mauidocs/a.fparameters.html
# use the 'schedctl -l' command to display current configuration

RMPOLLINTERVAL          00:00:30

SERVERHOST               search.di.uminho.pt
SERVERPORT               42559
SERVERMODE               NORMAL

RMCFG[base]              TYPE=PBS

ADMIN1                   maui root

LOGFILE                  maui.log
LOGFILEMAXSIZE           10000000
LOGLEVEL                  3

# ***** Groups and Users *****

# VAR-QT=7200
# VAR-PS=360000

# Groups that have been defined (the list of users in each group is defined at
# Unix level)

GROUPCFG[outros]        FSTARGET=1+          MAXPS=360000          MAXIJOB=1

GROUPCFG[impe]          FSTARGET=25+        MAXPS=9000000,2880000 QTTARGET=288
MAXIJOB=25
GROUPCFG[jade]          FSTARGET=12+        MAXPS=4320000,2880000 QTTARGET=600
MAXIJOB=12
GROUPCFG[amalandro]     FSTARGET=8+         MAXPS=2880000,2880000 QTTARGET=900
MAXIJOB=8
GROUPCFG[biocnat]       FSTARGET=8+         MAXPS=2880000,2880000 QTTARGET=900
MAXIJOB=8
GROUPCFG[metform]       FSTARGET=4+         MAXPS=1440000,2880000 QTTARGET=1800
MAXIJOB=4
GROUPCFG[sig]           FSTARGET=3+         MAXPS=1080000,2880000 QTTARGET=2400
MAXIJOB=3
GROUPCFG[neuroci]       FSTARGET=2+         MAXPS=720000,2880000  QTTARGET=3600
MAXIJOB=2
GROUPCFG[fisac]         FSTARGET=12+        MAXPS=4320000,2880000 QTTARGET=600
MAXIJOB=12
GROUPCFG[fiscris]       FSTARGET=10+        MAXPS=3600000,2880000 QTTARGET=720
MAXIJOB=10
GROUPCFG[fismr]         FSTARGET=8+         MAXPS=2880000,2880000 QTTARGET=900
MAXIJOB=8
GROUPCFG[ananum]        FSTARGET=8+         MAXPS=2880000,2880000 QTTARGET=900
MAXIJOB=8

# QOS definitions

QOSCFG[urgente]         PRIORITY=1000        QFLAGS=PREEMPTOR     MAXPS=8640000
QOSCFG[nao_urgente]    PRIORITY=0           QFLAGS=PREEMPTTEE

# Overall node access policy

NODEACCESSPOLICY        SHARED
PREEMPTPOLICY           SUSPEND

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#CLASSCFG[DEFAULT]      NODEACCESSPOLICY=SHARED MINRESOURCE
CLASSCFG[DEFAULT]      NODEACCESSPOLICY=SHARED

# Queues for SEQUENCIAL jobs

CLASSCFG[turgentes]    QDEF=urgente
#CLASSCFG[tcurtos]     QDEF=urgente
CLASSCFG[tmedios]      QDEF=nao_urgente

# ***** Fairshare *****

# Fairshare use of the cluster requires a system level definition of a time
slot, which can be defined as 1 week.

FSPOLICY      DEDICATEDPS
FSINTERVAL    20:00:00
FSDEPTH       7
FSDECAY       1

FSWEIGHT      1
FSUSERWEIGHT  1
QOSWEIGHT     1
XFACTORWEIGHT 1
QUEUEWEIGHT   1
TARGETQUEUEWEIGHT 1

# ***** Backfill Policies *****

BACKFILLPOLICY  BESTFIT
BACKFILLMETRIC  PROCS
RESERVATIONPOLICY  CURRENTHIGHEST
BYPASSWEIGHT    1000

# ***** Adv Reserv by any User *****

RESCTLPOLICY    ANY

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