LCG-CLUSTER SPBSU

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CONTENT:

1) Short info
2) Proposal for discussion

Reported by G.Feofilov at the NA61 meeting 26.01.08, JINR – via EVO

WN
2 расчетных узла на базе платформы **SuperServer 6015T-TV** по 16 KSI2K каждый. 32 KSI2K в сумме.

VO-BOX

LFC

MON

CE

SE
Элемент хранения на базе платформы SuperChassis 836E1-R800V, включающий в себя систему управления элементами хранения (DPM) и сам элемент хранения из 14 дисков по 0.5 TB,

Коммутатор управляемый, масштабируемый 1 Gb/s

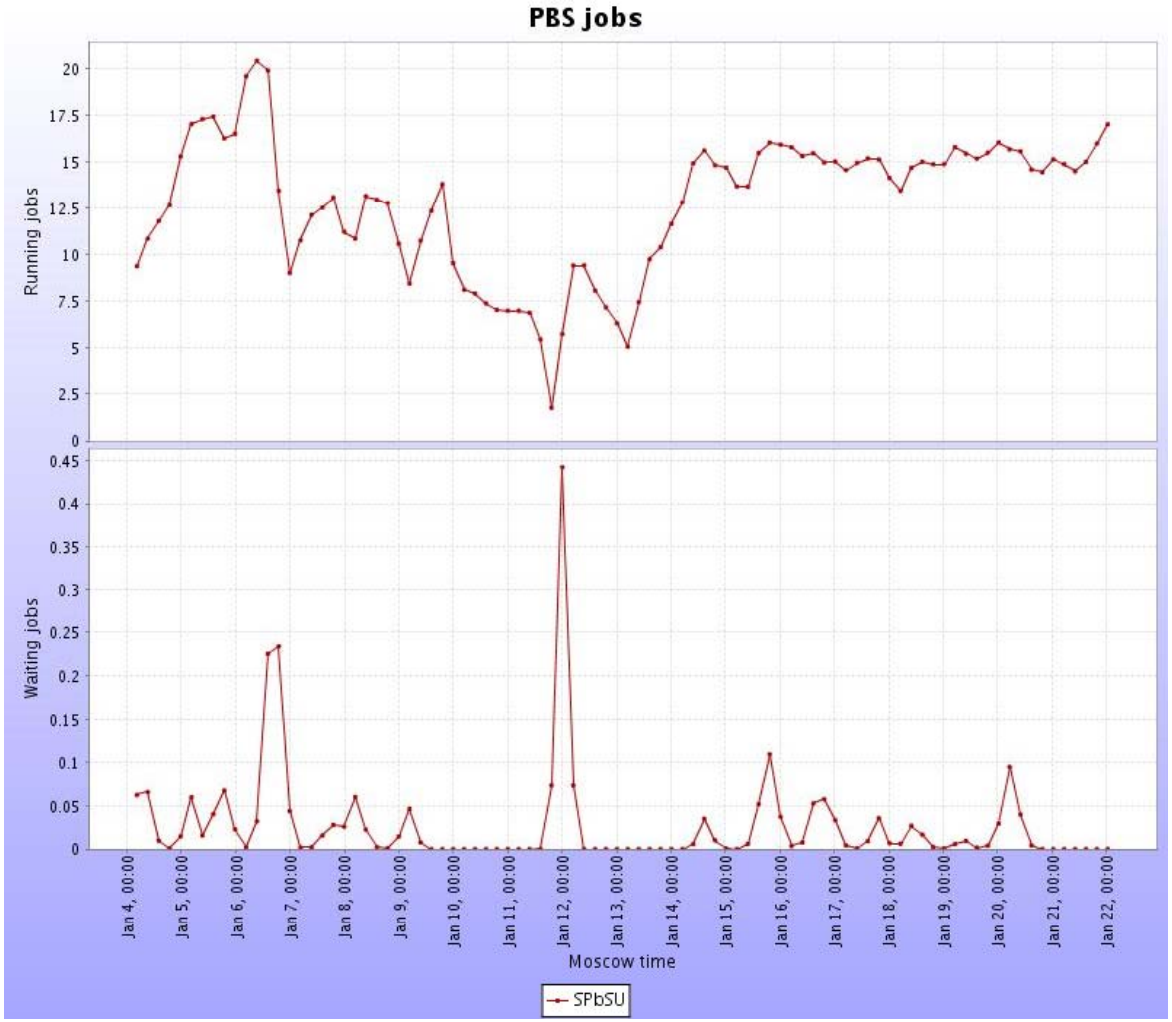
Internet

Major parameters

•SE (Storage Element) HDD 7 TB, (CPU Dual-Core Xeon @ 2,4 GHz) (Scientific Linux 3.8 Glite3.0)

•WN 2 x SuperServer 6015T-TV (4 CPU 64 bit Xeon Quad-Core = 16 x Intel(R) Xeon(R) CPU E5345 @ 2.33GHz, 16 GB RAM, 2 HDD=250GB) = 32 CPU (Scientific Linux 4.5 Glite3.1)

CLUSTER SPBSU MONITORING



As one may see from monitoring picture, the maximal load of 32 CPU cluster RU-SPbSU is about 20.
It means that at present time it is possible to think about adding of one
extra virtual organization – “NA61” and, with some minimal priority,
one may think about use 10-12 processors for NA61.