



CMS Production Meeting



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Current Hardware Resources

- Resources (CPUs+Storage) dedicated to CMS by NCP and other PCs are:

Production Centre	CPUs	Storage (TB)
NCP	08	0.64
NUST	08	0.60
PAEC-I	14	0.32
PAEC-II	14	0.952
PAEC-III	05	0.38
TOTAL	49	2.892

Current Software

■ Local Farm

- CMKIN 3_2_0, 4_1_0, 4_4_0
- OSCAR 3_6_5
- ORCA 8_7_1
- COBRA 7_8_5
- McRunJob fin_050211b
- Shahkar 2_5

■ LCG

- McRunJob fin_050211b
- Shahkar 2_5



Events Produced (Summary)

Production Centre	GEN. K	SIM. K	Digi w/o PU K	Digi with PU/Hit K
NCP	715.7	204.7	10	21.8/4.5
NUST	50.1	20.1	--	--
PAEC-I	93.7	53.7	10	35/--
PAEC-II	30.1	10.1	--	--
PAEC-III	34.2	44.2	10	10/4
TOTAL	930.30	332.80	30	66.8/9.5



Events Produced (Summary)

Events	NCP	PAEC- I	PAEC- II	PAEC- III	NUST
Test	338.7K	38.9K	40.2K	86.4K	70.2K
Real	618K	153.5K	--	16K	--



Certification Authority (CA)

- Sajjad Asghar & Usman Ahmad Malik are managing the operation of PK-Grid-CA
- Issued user and host certificates to all Production Centres
 - NCP, PAEC-I, PAEC-III, NUST
- Certificate request should only be entertained after the requirements have been fulfilled
- Logging and book keeping is very necessary
- Mandatory by CA Practice Statement and required for audit by the Trusting/Relying parties and other CA members
- Certificates can get revoked which will result in complete stoppage of services



Data Transfer

- NCP has the responsibility to transfer the produced data back to CERN
- Has transferred 280 GB of data produced by
 - NCP
 - PAEC-I
 - PAEC-III
- Now in LCG different mechanism is used
 - Output of your jobs goes to a SE of your choice



Physics Analysis

- From Physics point of view we need
 - CMKIN and DSTs to be stored locally for analysis
- Focus should be on running Simulated DSTs for required Physics channel and storing it locally
- A PC should take this responsibility