

ALICE – PanDA integration for Titan.

Danila Oleynik, on behalf of
BigPanDA Team
01/15/2015

Agreed general architecture.

VoBox

- DDM site services
- ALICE services

PilotHPC (i.e. login)

- HPC scheduling
- SAGA submission
- Environment pre-processing
- Local file staging (lsm from vbox or shared /fs)
- Heartbeat and PanDAMon services

PilotRunJob (i.e. WN)

- Local environment setup
- Execution

Next steps

- ALICE side:
 - Deployment of VO box;
 - Deployment of ALICE services;
 - Timescale and responsible peoples
 - Requirements for PanDA – Alien intercommunication
 - List of metrics, which should be collected
 - Agreement for intercommunication machinery
- PanDA side:
 - Proper configuration of PilotHPC (queue);
 - Implementation of extension for PilotHPC (if needed);