Slice test for integration of the subsystems

- Ca. 150 Run 2 HLT servers moved to CR0 - IT2 first week of November

- 80 new HDR Infiniband Host-adapters installed

- Management Network as well as Infiniband cabling done

- Re-building with current run3 baseline configuration started

- Commissioning of the Gateway to the Meyrin data center ongoing

- Moving of fiber for GPN connection from CR2 to CR0, temporary connection to outlet

- Installation of Infiniband infrastructure in CR1 and connection to CR0 (mostly done)

Network – Hardware Installation status

- One new Infiniband Switch installed in CR1
  - Infiniband NICs installed in FLPs by the FLP-group

- Managed Switch installed in IT2 (CR0)
  - Connection between core switch in IT2 and the CR1 switch established, currently with 3x 200G

- Additional top of the rack Switch installed
  - Connected as much servers as currently possible with 2m cables
  - Testing building block cabling – 3 racks connected to one switch

- Two fibers to the TPC setup pulled, to be configured properly

- Run 2 managed switch as Gateway, connected to IB and ETH

- TODO: Finalize configuration and start testing

EPN selection .vs. Vertical slice test

- EPN selection:
  - EPN receives full timeslice and therefore entire software stack can be tested on a single EPN server
  - Depending on # of GPUs EPN server implements multiple # of virtual EPN servers, which each processes independently own timeslice
  - High speed network supports the aggregated bandwidth

- Vertical Slice tests:
  - Not needed for EPN selection
  - Good for Software Integration testing and infrastructure commissioning
  - Good for network and connectivity testing, but there is 500 node IB system in Frankfurt for testing at scale
  - Some of the future EPN servers may be integrated later into the Vertical Slice test system