

DAQ ROC 1

DAQ EMU1

DAQ ROC 2

DAQ EMU2

DAQ ROC 3

DAQ EMU3

Disc Server

...

DAQ Network (256-big)

Traffic needs to be properly design by configuring DAQ.

IOC 1

CAEN HV

Remote Ctrl

MPOD LV

PLC EtherIP

FCAL Bases

Disk Server

...

Controls Network (512-big)

EPICS variables need to be visible to the accelerators control network

Desktops

Disk Server

RAID

EBs

MySQL

Farm nodes

Port Servers

...

General Network (512-big)

Will include hosts that are on Infiniband (TCP/IP) ?

Test setup 1

Test setup 2

Test Network (≤256-big)

Setups outside Hall D complex accessing HallD w/o firewall

- Firewalled from the rest of the lab, two-factor authentication required
- All internal Hall D subnets are fully transparent to each other, including broadcast and multicast on all ports.
- Use fixed assignments of subnets to the blocks of ports on the switches for DHCP
- Programmed and maintained by computer center