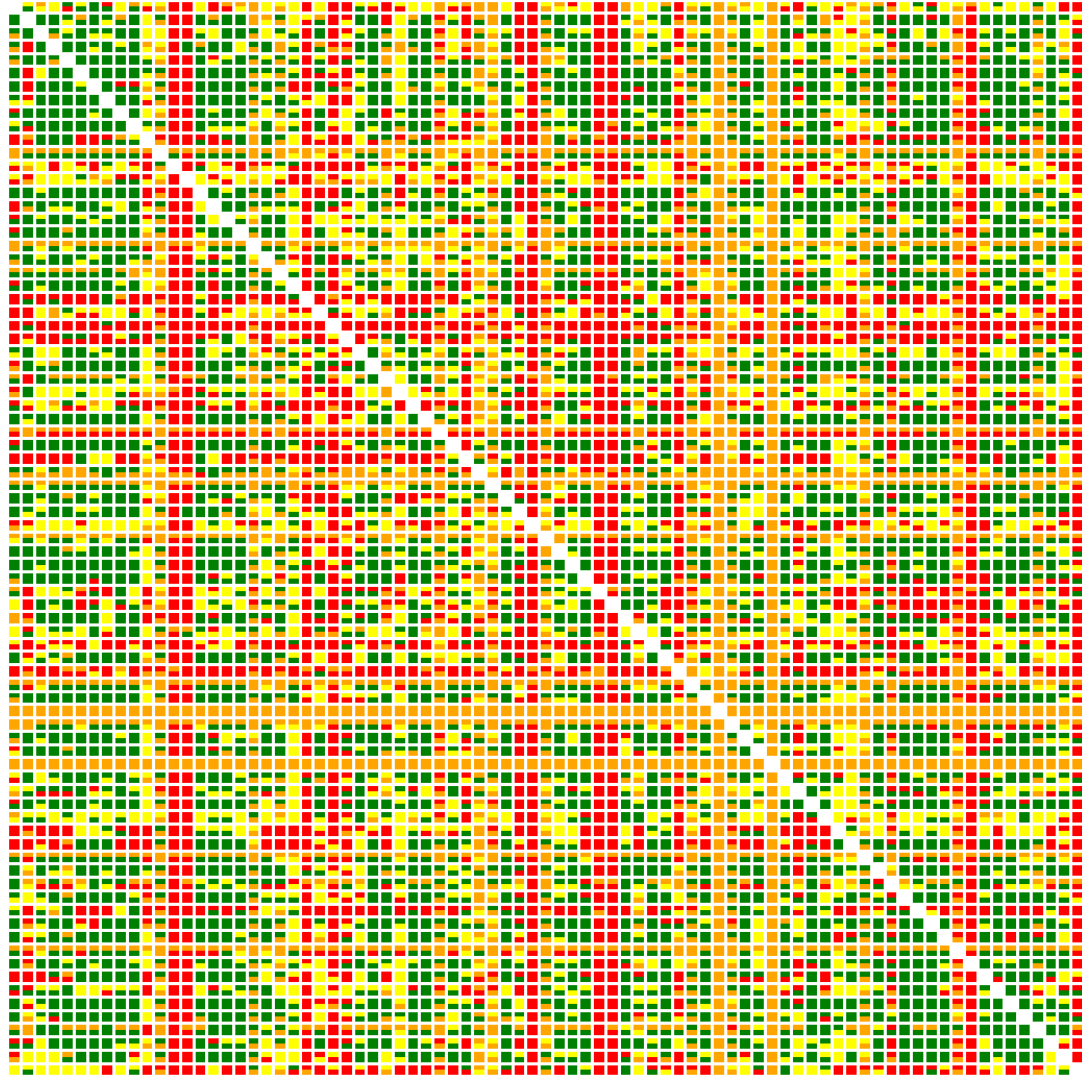
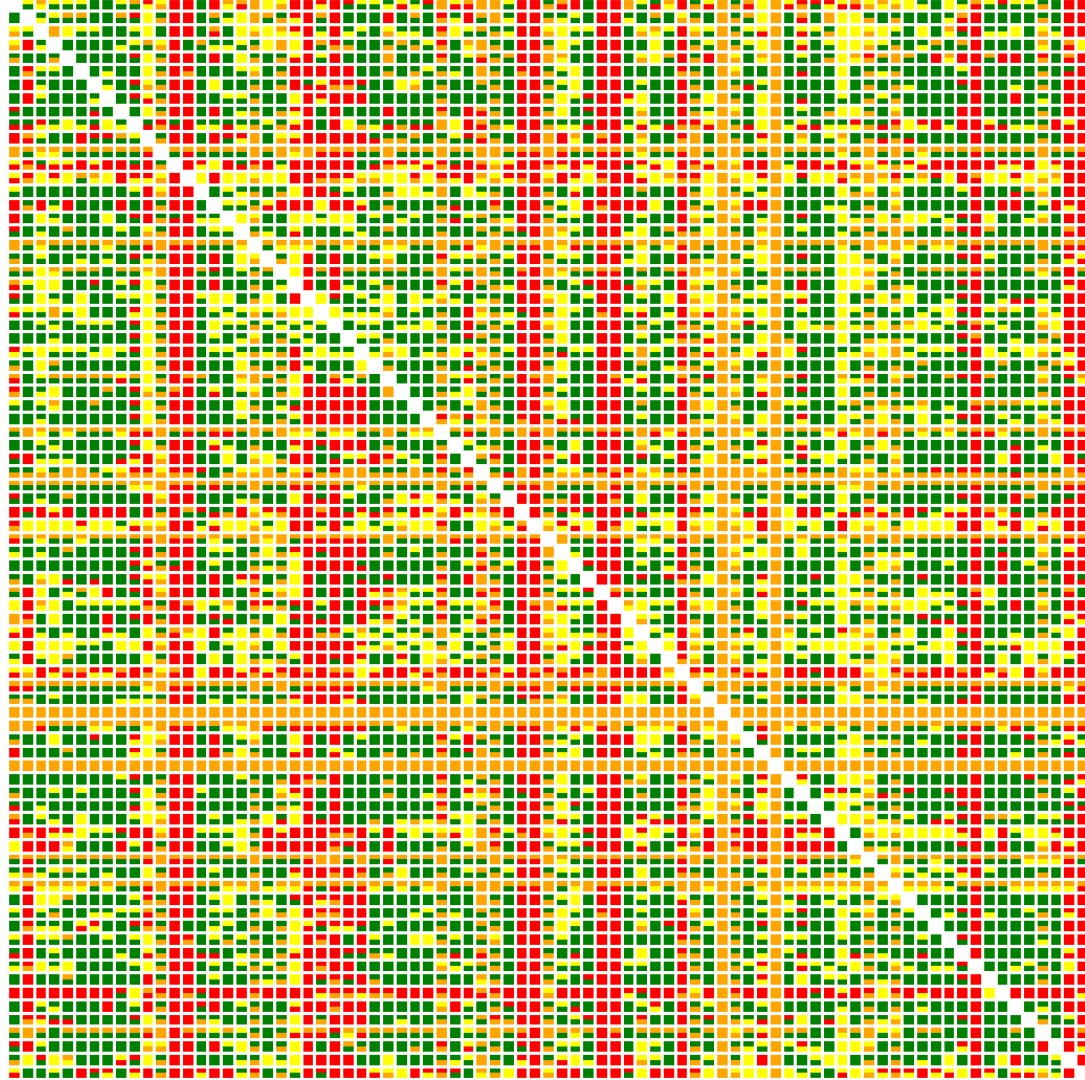
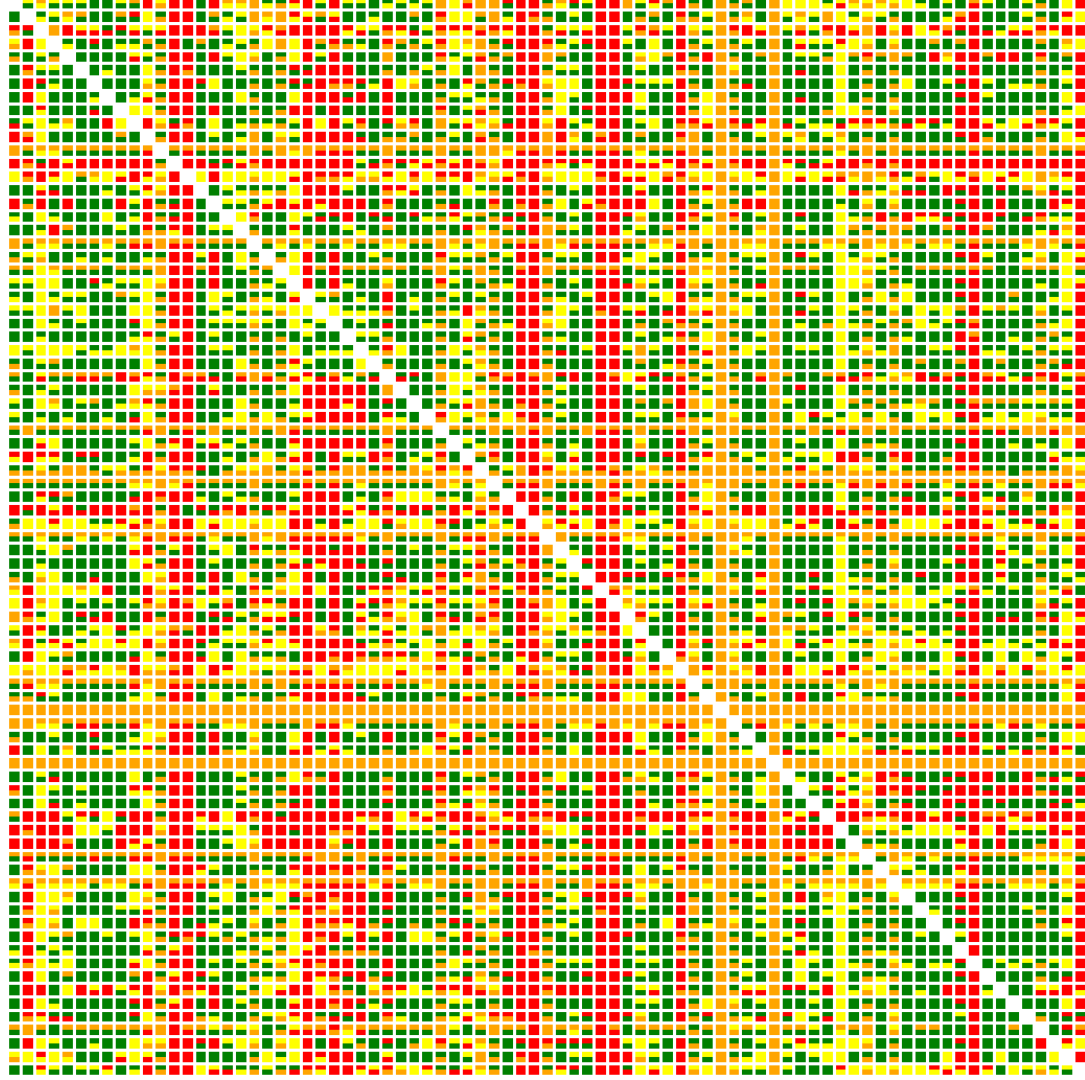


- WLCG-wide meshes
 - [Latency](#) mesh: 81 sonars (94% efficiency)
 - Traceroute mesh: 112 sonars (90% efficiency)
- Stream
 - Contains all measured events and summaries
 - Validation (ITB) instance to be available this week
 - Infrastructure already setup (brokers and collectors)
- Datastore (OSG)
 - To enter [production](#) in 2 weeks, already providing good content
- Proximity
 - [Mapping](#) btw sonars and storages for all experiments available (full matrix based on T1/T2 from existing VO feeds)
- Dashboard
 - [psmad](#) connected to the datastore already showing good content – validation is still ongoing, but the it shows more recent results than maddash.aglt2
- Alerting/Notifications (MadAlert)
 - Initial version of madalert available shows network/infrastr problems









WLCG-wide meshes

- We have now three host-groups in the config interface:
 - OWAMP host, BWCTL hosts and OWAMP/BWCTL
- Corresponding meshes are then created as follows:
 - Latency: OWAMP
 - Traceroute: BWCTL and OWAMP/BWCTL
 - Bandwidth: BWCTL (not active yet)
- We can now create any sub-group from the 3 meshes without impacting performance
 - Assuming same test parameters are used
 - Traceroute/Bandwidth tests have less impact, so parameters can differ as well
- All regional/project meshes currently disabled
- Plans for Dual-Stack and Belle II

Ramp up Issues

- Detailed summary sent to wlcg-perfsonar-support, three categories:
 - Offline or misconfigured sonars
 - Performance issues
 - Sonars with <4 GB RAM
- How can we integrate sonars with constrained resources ?

Madalert Report

Mesh name: Latency tests between all WLCG hosts - Latency Tests Between WLCG Latency Hosts

Mesh location: [http://psmad.grid.iu.edu/maddash/grids/Latency tests between all WLCG hosts - Latency Tests Between WLCG Latency Hosts](http://psmad.grid.iu.edu/maddash/grids/Latency%20tests%20between%20all%20WLCG%20hosts%20-%20Latency%20Tests%20Between%20WLCG%20Latency%20Hosts)

Infrastructure problems	
Site	Description
DESY-HH_perfsonar-ps-01	Site mostly can't test
GRIF_perfsonar01	Site can't test
INFN-ROMA1_perfsonar2	Site can't test
KR-KISTI-GSDC-01_ps-gsdc01	Site mostly can't be tested
LIP-Coimbra_ps01	Site can't test
RO-02-NIPNE_atrogr007	Site can't test
T2_Florida_LT	Site can't test
TRIUMF-LCG2_ps-latency	Site is down
Taiwan-LCG2_lhc-latency	Site can't test
UKI-NORTHGRID-LANCS-HEP_pygrid-sonar2	Site is down
US-FNAL_LT	Site can't test
US-MWT2_UC_LAT	Site can't test

Test failures	
Site	Description
BEgrid-ULB-VUB_ps01	Outgoing tests failure (Loss rate is >= 0.01)
Caltech_PerfSonar_Latency	Incoming tests failure (Loss rate is >= 0.01)
DESY-ZN_perfon1	Outgoing tests failure (Loss rate is >= 0.01) Incoming tests failure (Loss rate is >= 0.01)
EELA-UTFSM_psl	Incoming tests failure (Loss rate is >= 0.01)
IN2P3-CC_ccperfsonar2	Incoming tests failure (Loss rate is >= 0.01)
IN2P3-LAPP_lapp-ps02	Incoming tests failure (Loss rate is >= 0.01)
INDIACMS-TIFR_repos	Incoming tests failure (Loss rate is >= 0.01)
PerfSONAR_CBPF_it	Outgoing tests failure (Loss rate is >= 0.01) Incoming tests failure (Loss rate is >= 0.01)
RAL-LCG2_lcgps01	Incoming tests failure (Loss rate is >= 0.01)
RRC-KI_btw-lat	Incoming tests failure (Loss rate is >= 0.01)
RRC-KI-T1_btw-lat	Incoming tests failure (Loss rate is >= 0.01)
T2-TH-CUNSTDA_mercury-1	Incoming tests failure (Loss rate is >= 0.01)
UKI-SOUTHGRID-RALPP_heplnx129	Outgoing tests failure (Loss rate is >= 0.01)
US-Vanderbilt_LT	Incoming tests failure (Loss rate is >= 0.01)
wuppertalprod_perfsonar	Incoming tests failure (Loss rate is >= 0.01)

Next steps

- Continue with ramp up
 - Enable bandwidth mesh
 - Continue with latency ramp up
- Datastore and Stream to enter production in Sept
- Once datastore is in production psmad becomes the official dashboard

- FTS performance meeting – 15th Sept
- Review of the 1st year – next meeting
 - Planned changes