

Lookup Service dashboards status

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perfSONAR is developed by a partnership of



ESnet



INDIANA UNIVERSITY



perfSONAR LS Dashboard - current status

☰ General / perfSONAR Public 🔗

🕒 now-2h to now+24h ▼ 🔍

Search

Domain All ▼

Communities All ▼

perf5.0NAR

> Host Information *(9 panels)*

> Service Information *(6 panels)*

> Service Map *(1 panel)*

> General *(9 panels)*

> Maps *(4 panels)*



perfSONAR LS Dashboard - current status

General / perfSONAR P

Search Enter variable value

perf5.0NAR

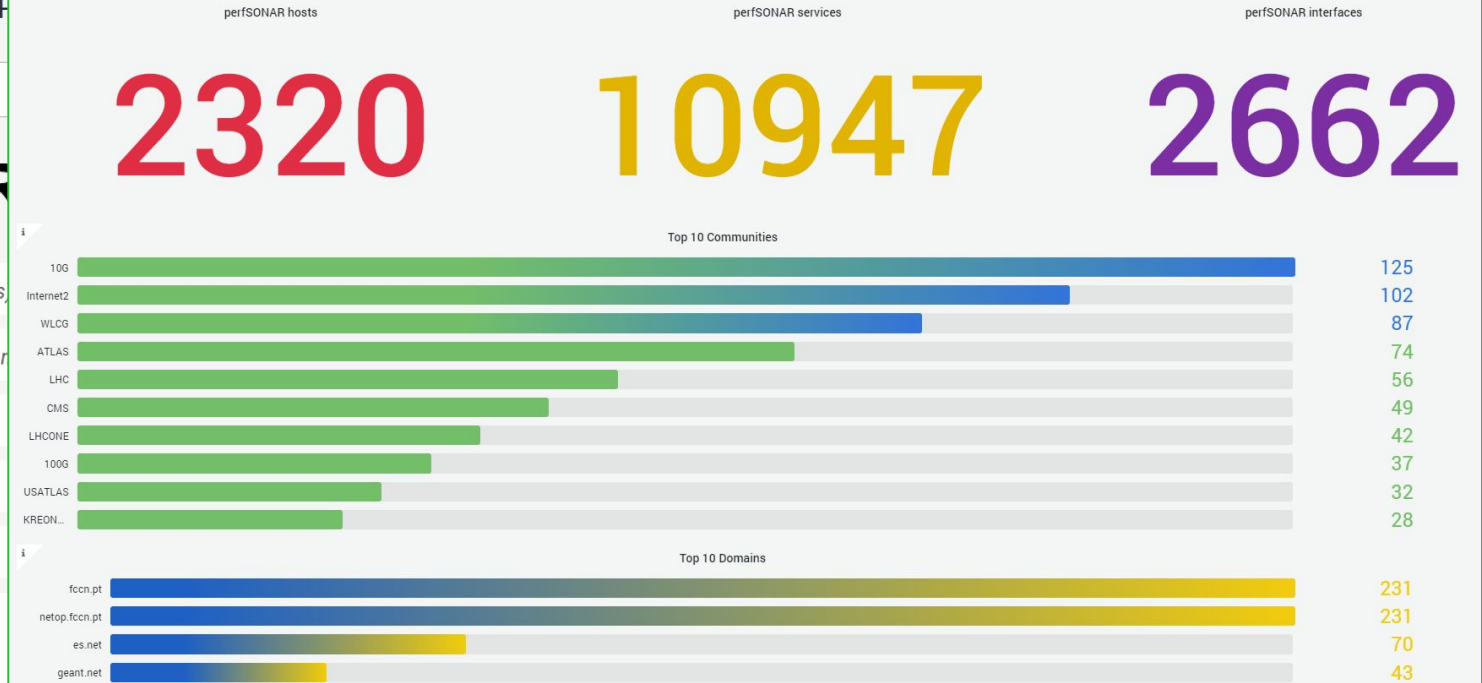
> Host Information (9 panels)

> Service Information (6 panels)

> Service Map (1 panel)

> General (9 panels)

> Maps (4 panels)



perfSONAR LS Dashboard - current status

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Search Enter variable value

perf5.0NAR

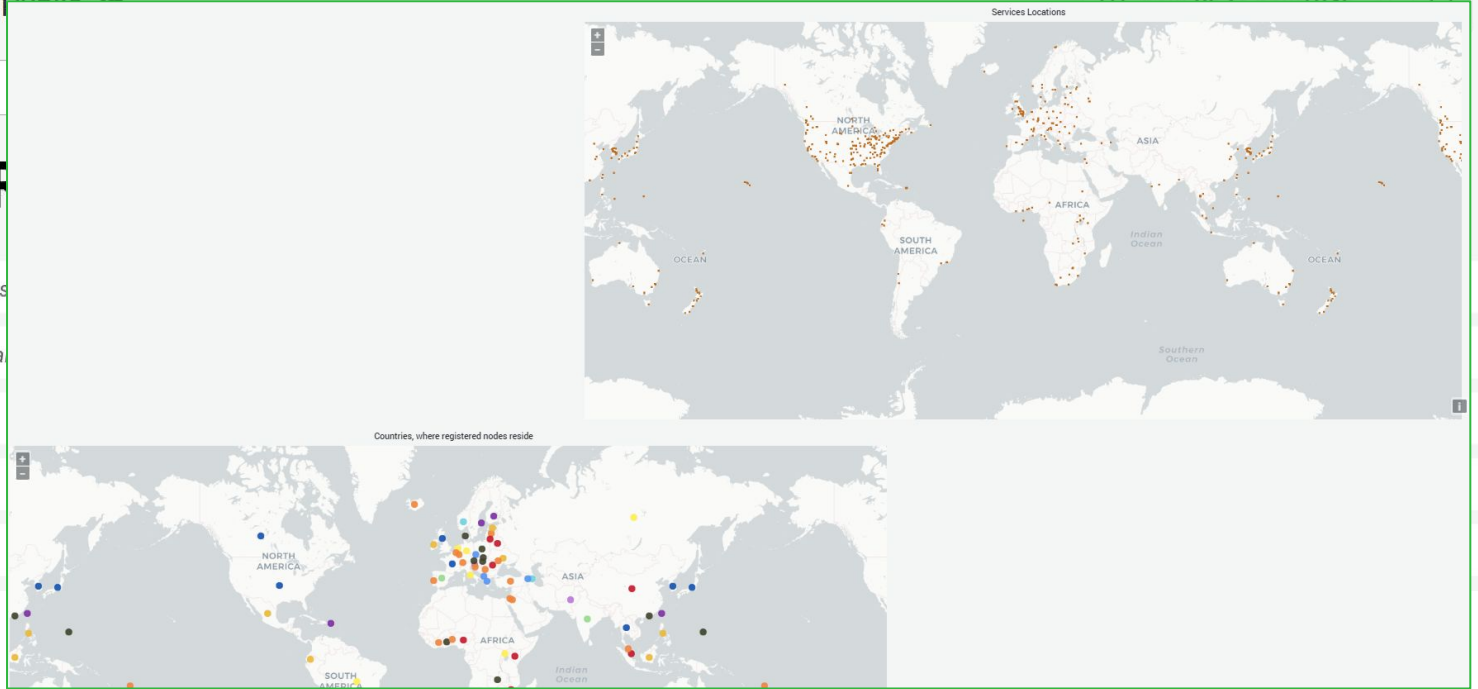
> Host Information (9 panels)

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perfSONAR LS Dashboard - current status

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now-2h to now+24h

Search Enter variable value

Domain All

Communities All

- > Host Information (9 panels)
- > Service Information (1 panel)
- > Service Map (1 panel)
- > General (9 panels)
- > Maps (4 panels)

Host Name		Hardware		Memory	
Host Name	Count	Hardware	Count	host-hardware-memory.keyword	Count
zorya.gb.nrao.edu	1	Intel(R) Xeon(R) E-2378 CPU @ 2.60GHz	234	31984 MB	192
zie-m-p1p1.pionier.net.pl	1	AMD EPYC 7302P 16-Core Processor	73	64266 MB	58
ytelse-tos.uninett.no	1	Intel(R) Xeon(R) CPU E5-2623 v3 @ 3.00GHz	62	3789 MB	50

Operating System		Operating System Version		Toolkit Version	
Operating System	Count	Operating System Version	Count	Toolkit Version	Count
CentOS Linux	1620	7.9.2009 (Core)	1488	5.0.8-1.el7	765
Ubuntu	277	20.0	184	5.0.2-1.el7	233
CentOS	121	6.10 (Final)	108	4.4.6-1.el7	128
AlmaLinux	119	9.4 (Seafoam Ocelot)	99	5.0.8-1.el9	124

Communities		Kernel		Process Speed of Node	
Communities	Count	Kernel	Count	Process Speed of Node	Count
10G	124	Linux 6.1.0-13-amd64	168	2601.0000 MHz	232
Internet2	102	Linux 3.10.0-1160.114.2.el7.x86_64	112	3500.0000 MHz	159



perfSONAR LS Dashboard - current status

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now-2h to now+24h

Search Enter variable value



> Host Information (9 panels)

> Service Information (6 panels)

> Service Map (1 panel)

> General (9 panels)

> Maps (4 panels)

Service Name		Addresses		Geographic Location	
Service Name	Count	Locator	Count	Location Country	Count
OWAMP Server	2157	LBLnet, IT Division, Lawrence Berkeley National Laboratory	71	US	2199
TWAMP Server	1991	Science Information Network - SINET	67	GB	230
pScheduler	1320	Connecticut Education Network	58	ZA	155
Measurement Archive	1088	Fermilab	55	KR	128
BWCTL Server	109	KISTI	33	CA	126
BWCTL Measurement Point	72	National Knowledge Network	33	JP	98
OWAMP Measurement Point	72	MOREnet	32	DE	96

Version		Domain		pScheduler Tools	
Version	Count	Domain	Count	pScheduler Tools	Count
pscheduler-1.0	2131	es.net	2207	clock	1895
esmond-2.0	1815	fccn.pt	911	dns	1895
oppd-3.4	237	netop.fccn.pt	911	idle	1895
esmond-1.0	140	twaren.net	186	idlebgm	1895
		ac.za	147	idleex	1895
		perfsonar.ac.za	144	latency	1895
		ac.uk	141	rtt	1895



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Search Poznan Domain All Communities All

Host Information

Host Name		Hardware		Memory	
Host Name	Count	Hardware	Count	host-hardware-memory.keyword	Count
psmp-gn-mgmt-poz-pl.geant.org	1	Intel(R) Celeron(R) CPU N3150 @ 1.60GHz	2	7807 MB	2
psmall-poz2.man.poznan.pl	1				
psmall-poz1.man.poznan.pl	1				
150.254.163.77	1				
150.254.160.18	1				

Operating System		Operating System Version		Toolkit Version	
Operating System	Count	Operating System Version	Count	Toolkit Version	Count
Ubuntu	2	20.0	2	5.0.8-1	1
				5.1.0~b1.5~20240429055411-1	1



perfSONAR LS Dashboard - issues

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now-2h to now+24h

Search Poz Domain All Communities All

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Host Information

Host Name No data	Hardware No data	Memory No data
Operating System No data	Operating System Version No data	Toolkit Version No data



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now-2h to now+24h

Communities

Communities	Count
GEANT	2
PMP	1
PMP-GEANT	1

group: GEANT

communities: GEANT

domains:

highlight:

location-city: Poznan

location-country: PL

latitude: 52.41175

longitude: 16.91754

location-sitename: GNTMP Poznan

pscheduler-tests:

pscheduler-tools: basiscanner, curl, dnspython, fwmtools, halfping, iperf2, iperf3, nuttcp, owping, paris-traceroute, passivestream, ping, powstream, psolock, psolock, simplestreamer, sleep, sleepbgm, snooze, tcping, tracert

pservice-eventtypes:

service-locator: https://62.40.114.97/pscheduler/https://[2001:796:bb:2::b2]/pscheduler

service-name: GNTMP Poznan pScheduler

service-type: pscheduler

service-version: pscheduler-1.0

type: service

Process Speed of Node

Process Speed of Node	Count
2080.0000 MHz	2

Service Information (6 panels)

Service Map

Map Services



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Search: Domain: All Communities: All

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Host Information

Host Name		Hardware		Memory	
Host Name	Count	Hardware	Count	host-hardware-memory.keyword	Count
psmp-gn-mgmt-poz-pl.geant.org	1	Intel(R) Celeron(R) CPU N3150 @ 1.60GHz	2	7807 MB	2
p-small-poz2.man.poznan.pl	1				
p-small-poz1.man.poznan.pl	1				
150.254.163.77	1				
150.254.160.18	1				

Operating System		Operating System Version		Toolkit Version	
Operating System	Count	Operating System Version	Count	Toolkit Version	Count
Ubuntu	2	20.0	2	5.0.8-2	1
				5.1.0-b1.5-20240510103435	1

Communities		Kernel		Process Speed of Node	
Communities	Count	Kernel	Count	Process Speed of Node	Count
GEANT	2	Linux 5.4.0-172-generic	1	2080.0000 MHz	2
PMP	1	Linux 5.4.0-177-generic	1		
PMP-GEANT	1				



perfSONAR LS Dashboard - issues

- Search results not clickable
- Search results not in alphabetic order
- Search list results do not include scrollbar

<https://github.com/perfsonar/ls-dashboard/issues>





perfSONAR LS Dashboard - improvements

Country_Code All ▾ Domain All ▾ Communities All ▾ Filters +

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> Host Information *(9 panels)*

> Service Information *(8 panels)*

> General Information *(10 panels)*  



perfSONAR LS Dashboard - improvements

The dashboard interface includes a navigation bar with the following filters: Country_Code, All (dropdown), Domain, All (dropdown), Communities, All (dropdown), and Filters (+). Below the navigation bar, three callout boxes highlight improvements to the filter lists:

- Country Code:** A scrollable list with a search input "Enter variable value". The "All" option is selected. The list includes: AL, AM, AT, AU, AZ, BE, BJ, BR, BY, CA, CH, and CI.
- Domain:** A scrollable list with a search input "Enter variable value". The list includes: cat.cbpf.br, cc.kek.jp, cc.lehigh.edu, cc.private.hm.edu, ccs.ornl.gov, ccs.uky.edu, cea.fr, cedia.org.ec, cen.ct.gov, cep.umflint.edu, cern.ch, chalmers.se, chat.tmc.edu, chivo.cl, and chobs.rl.ac.uk.
- Communities:** A scrollable list with a search input "Enter variable value". The list includes: 1Gbps, 40G, AARNet, ACCESS, ACORN-NS, AGLT2, ALICE, APAN, APAN-JP, AREON, ASREN, ASTRON, ATLAS, and ATLASIT.

perfSONAR LS Dashboard - improvements

Country_Code All ▾ Domain All ▾ Communities All ▾ **Filters** +

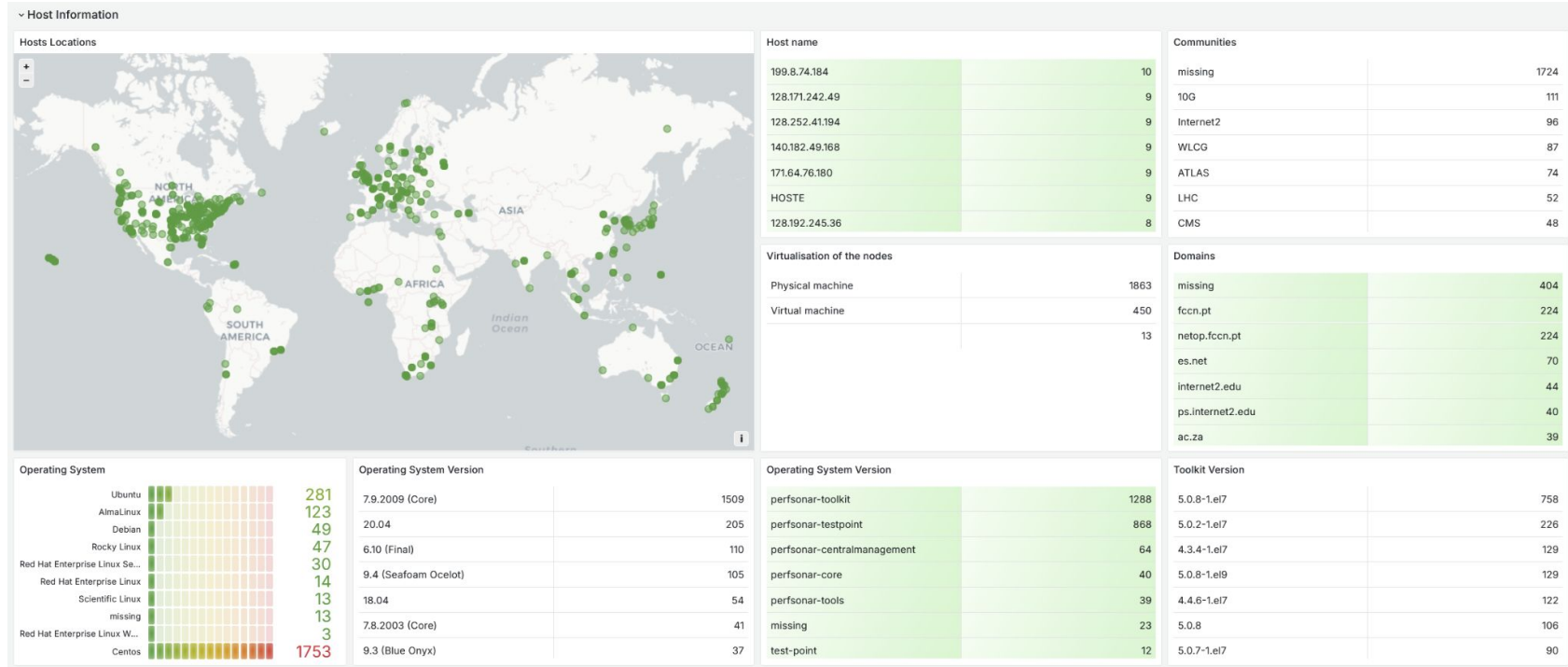
perf5.0NAR

How to use Filter: 1. Choose the field, eg. host-name 2. Choose the filter condition, eg. =~ 3. Specify the host-name, eg. *.part_of_hostname.*

Host name	
perpsonar2.mskcc.org	3
ps-3-100g.perfsonar.e	3
ps-40g-hpr01.stanford.edu	3
ps-core-b.rcac.purdue.edu	3
ps-slough-lat.perf.ja.net	3
ps.dash.morenet.ac.mz	3



perfSONAR LS Dashboard - improvements



perfSONAR LS Dashboard - improvements

Service Information

Service Locations

Service Locator

http://perfsonar.esmond.org	9
tcp://sinicam6.twaren.net:861	9
tcp://y12-ps-lat.es.net:861	9
http://109.105.125.135/esmond/perfsonar/archive	8
http://109.105.127.62/esmond/perfsonar/archive	8
http://134.75.125.241/esmond/perfsonar/archive	8
http://[2001:320:15:125:a1:da:ec:1001]/esmond/perfsonar/archive	8

Service Type

owamp	3233
twamp	2937
pscheduler	2147
ma	1968
bwctl	153
mp-bwctl	125
mp-owamp	115

Service Version

missing	6505
pscheduler-1.0	2147
esmond-2.0	1827
oppd-3.4	240
esmond-1.0	140

Domains

es.net	2190
missing	1165
fccn.pt	892
netop.fccn.pt	892
twaren.net	165
rnp.br	147
ac.uk	142

Communities

missing	8245
10G	519
WLCG	377
Internet2	348
LHC	279
ATLAS	251
CMS	214

pScheduler Tools

missing	8940
iperf2	1918
simplestreamer	1918
sleep	1918
sleepbgm	1918
traceroute	1918
dnspy	1917

pScheduler Tests

missing	8937
iperf2	1917
simplestreamer	1917
sleep	1917
sleepbgm	1917
traceroute	1917
dnspy	1916



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Host Information

Hosts Locations



Host name

- 128.252.41.194
- 140.182.49.168
- 150.254.208.92
- 199.8.74.184
- HOSTS

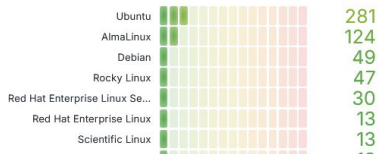
X

Layer 1

Host Name	193.140.12.250, perfsonar-ankara.ulakbim.gov.tr
Communities	PMP, PMP-GEANT
Domains	ulakbim.gov.tr, gov.tr
Host's Processor	Intel(R) Celeron(R) CPU J3160 @ 1.60GHz
Number of Processors	1
Manufacturer	GIGABYTE
IPv6 enabled	true
Architecture	x86_64
Kernel and Version Running	Linux 3.10.0-1160.108.1.el7.x86_64
Name of Operating System	CentOS Linux
Version of Operating System	7.9.2009 (Core)
Model of the hardware or VM host	GB-BACE-3160
Virtualisation	physical machine
City	Ankara
Country	TR
latitude	39.8936041
longitude	32.7841
Type of the Host Privacy	public
perfSONAR Package Bundle Installed	perfsonar-toolkit
perfSONAR Toolkit Version	5.0.8-1.el7
client-uuid	DC8565FC-C666-11EE-9FE0-B38D1E219BB9

Host Name	193.140.12.250, perfsonar-ankara.ulakbim.gov.tr
Communities	PMP, PMP-GEANT

Operating System



Operating System Ve

7.9.2009 (Core)	124
20.04	49
6.10 (Final)	47
9.4 (Seafoam Ocelot)	30
18.04	13



perfSONAR LS Dashboard - improvements

Hosts Locations

Layer 1 4 x

- > Match: 1
- > Match: 2
- > Match: 3
- > Match: 4

Host Name	82.130.1.153, netperf3.ayy.fi
Communities	10G, Funet, GEANT, NORDUnet
Domains	ayy.fi
Host's Processor	Intel(R) Xeon(R) CPU E5-2695 v3 @ 2.30GHz
Number of Processors	2
Manufacturer	VMware, Inc.
IPv6 enabled	true
Architecture	x86_64
Kernel and Version Running	Linux 3.10.0-1160.114.2.el7.x86_64
Name of Operating System	CentOS Linux
Version of Operating System	7.9.2009 (Core)
Model of the hardware or VM host	VMware Virtual Platform
Virtualisation	virtual machine
City	Espoo
Country	FI
latitude	60.18836
longitude	24.83642
Type of the Host Privacy	public
perfSONAR Package Bundle Installed	perfsonar-toolkit
perfSONAR Toolkit Version	5.0.8-1.el7
client-uuid	6E32B81A-FA6A-11E9-B7FF-CAEFAC63DF22

- > Match: 3
- > Match: 4



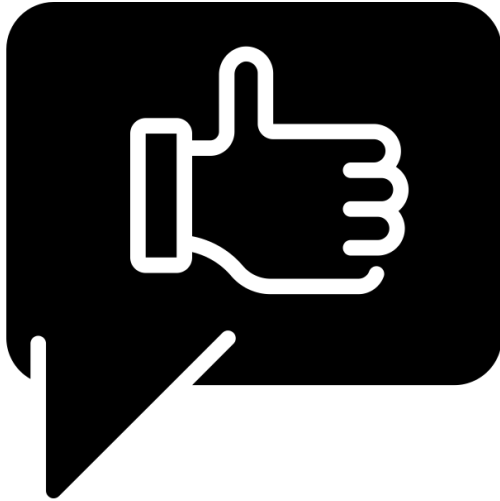
perfSONAR LS Dashboard - improvements

<https://grafana10-psdev.public.nmaas.eu>

Parameters on the perfsonar slack channel



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Thanks icon by priyanka from The Noun Project

Thanks!

For more information,
please visit our web site:

<https://www.perfsonar.net>

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