HPC System Testing: Procedures, Acceptance,
...

Total Questions: 6

Most Correct Answers: **#0**

Least Correct Answers: **#0**

1. Are you aware of any acceptance or regression testing tools/frameworks?

Anon anon0b29bdabdf684a5f

yes

Anon anon0c029f1e4f814457

no

Anon anon15e77aad947d4b88

No

Anon anon18dcba461bbe43a7

Yes

Anon anon1e112832693144aa

Yes

Anon anon23503149f4a748b8

No

Anon anon273f4b8024774808

Yes

Anon anon34521836b16a49e5

Yes, serverspec, rspec, etc

Anon anon36b284a78be94fd5

No

Anon anon640000cc82464d55

no

Anon anon76a85f796a7d44a1

Yes

Anon anon76cd11a0975e423e

No

Anon anon7ab08956cf144c96

I'm aware that they exist; that's about it.

Anon anon81e0a1796a2e4f99

reframe
harness

Anon anon8427b5b16c7648ad

No

Anon anon8a6030107b644817

OLCF harness

Anon anon8c12300f6d2849ba

Yes

Anon anon957bf3079c1f4006

pavilion/gazebo (LANL)

Anon anon9b0e66c0c2f04267

No

Anon anon9bbe3e49ad5b4820

Yes

Anon anon9ebae3ad49ae41b2

no

Anon anona7b58b499f494855

Aware but not in use.

Anon anonad97e528310e494c

ni

Anon anonc0119d6f146441af

no

Anon anond46722177c2d4b28

no

Anon anond612d0b489e84aac

Yes

Anon anone604217d91bb4b7d

no

Anon anonebe5070aeaaa4b6d

Yes

2. Does your HPC center perform a formal acceptance test?

19/37 (A) Yes

12/37 (B) No

4/37 (C) I don't know

3. Does your HPC center perform regression testing?

17/37 (A) Yes

14/37 (B) No

2/37 (C) I don't know

4. What tests are performed?

Anon anon0b29bdabdf684a5f

CPU loads, IB links, storage read/write speeds, inner-node load hand-off.

Anon anon0c029f1e4f814457

simple application benchmark

Anon anon18dcba461bbe43a7

Functionality and performance tests. We have a big battery of tests

Anon anon1e112832693144aa

Functional testing.

Anon anon23503149f4a748b8

Basic functionality and spot checks.

Anon anon273f4b8024774808

version, functional, performance

Anon anon34521836b16a49e5

Puppet baseline, some software stack qa

Anon anon4d46e8f2f74d4ec7

throuput/bandwidth/

Anon anon640000cc82464d55

HPL

Anon anon76a85f796a7d44a1

Functionaliy and performance.

Anon anon76cd11a0975e423e

n/a

Anon anon7ab08956cf144c96

N/A

Anon anon81e0a1796a2e4f99

functionalities performance
checking hardware failure

Anon anon8427b5b16c7648ad

N/A

Anon anon8a6030107b644817

functionality, performance, and stability for acceptance

Anon anon8c12300f6d2849ba

linpack, intel mpi benchmark, iozone

Anon anon957bf3079c1f4006

n/a

Anon anon9b0e66c0c2f04267

None

Anon anon9bbe3e49ad5b4820

IO functionality and performance, application build and tests, scheduler, general functionality and
performance.

Anon anona20e604544194b68

N/A

Anon anona7b5a39baae0402b

A lot, too many to note in the time allowed.

Anon anonad97e528310e494c

no

Anon anonc0119d6f146441af

na

Anon anond46722177c2d4b28

CPU / throughput benchmarks, I/O, fabric

Anon anond612d0b489e84aac

Custom tests to check for past issues

Anon anone604217d91bb4b7d

don't know

Anon anonebe5070aeaaa4b6d

n/a

Anon anoneeba0de2f50d4498

Running proprietary software suite with result validation

⊘ 5. Is it an automated process?

12/37 (A) Yes

20/37 (B) NO

⊘ 6. How long does it last?

5/37 (A) Less than 15min

2/37 (B) Between 15 to 30min

4/37 (C) Bewtween 30min to 1hour

6/37 (D) About 1 hour

14/37 (E) More than 2 hours