
Computer Hardware and Storage Systems

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Fabio Silva edited this page on Aug 16, 2017 · 15 revisions

CSEP Computing Hardware inventory

Computers included in CSEP testing center include:

CSEP-op

- Location: ACB building
- Purpose: active operational machine
- Hardware Purchased: Jan 2017
- Disk Storage:
- Access: csep-op.usc.edu: port 2101

csep-debug

- Purpose: using full data set of CSEP through Dec 2016, run CSEP dispatcher and generate results
- Contains the changes needed to fix csep-op
- ssh [csep@csep-debug.usc.edu](ssh:csep@csep-debug.usc.edu) (optional -p 2101)
- Hardware Purchased 2012
- Storage: 12TB nearly full
- Testing CSEP code modifications ebug failures.

csep-debug2

- Purpose: Practice installing the source code, and building csep from source
- contains an image with all required CSEP codes, except no source code
- ssh [csep@csep-devel.usc.edu](ssh:csep@csep-devel.usc.edu) -p 2202
- Install source code in /usr/local/csep ?

CSEP-devel

- Purpose: Used to create rpms
- No dispatcher directory

- ssh [csep@csep-devel.usc.edu](ssh:csep@csep-devel.usc.edu) (default port)
- Able to run the cruise control tests

CSEP Publishing

- Purpose: CSEP Data Viewer
- Location: SCEC Intern Server Room

CSEP Testing

- Access to the published data
- cseptesting.org
- CA Data: `/var/www/html/cseptesting/us/results/data/us/usc`
- NZ Data: `/home/cseppublishing/csep/nz/results/data/nz/gns`

Certification

- Purpose: Validates csep-op, runs cruise control
- Access: certification.usc.edu: port 2101
- Web interface: <http://certification.usc.edu:8081/cruisecontrol>
- Config and log path: `/usr/usc/cruise`

Northridge:

- Purpose:
- Northridge contains the CSEP Trac system.

CSEP-generic

- Purpose: Unknown

CSEP-X

- Purpose: Unknown

SCEC Collaboratory for the Study of Earthquake Predictability (CSEP)



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