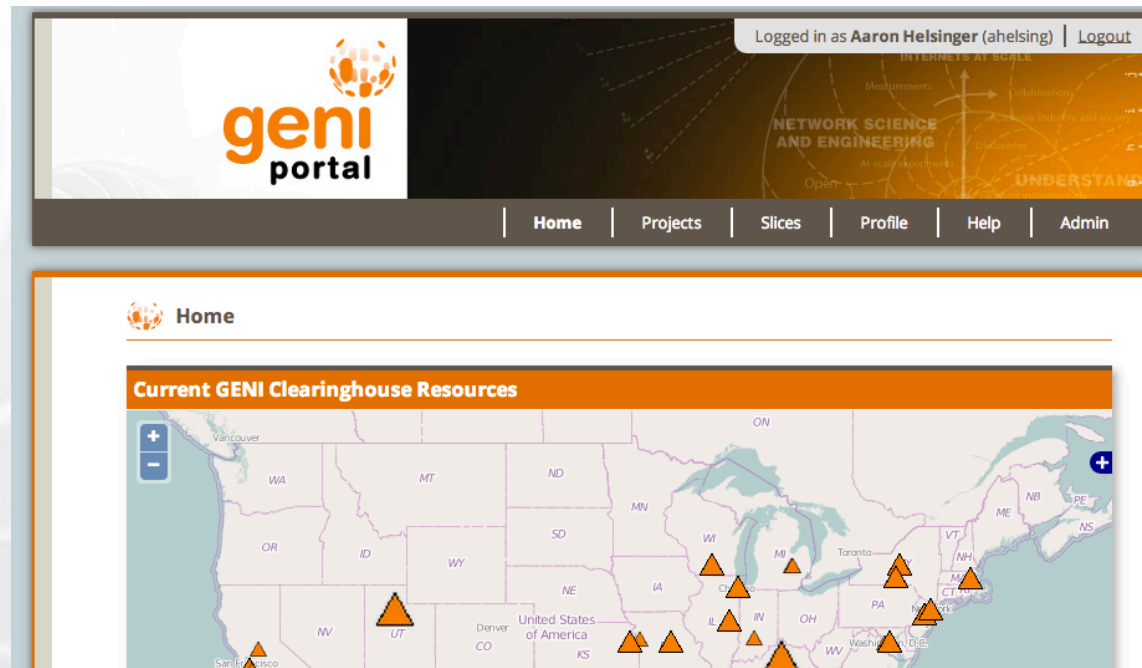


Experimenter / Developer Roundtable: GPO Status Review GEC 21

**Aaron Helsinger, GPO
October 21, 2014
www.geni.net**

- 2200+ users
 - About 800 active since the last GEC
- 250+ active projects
- 450+ active slices
- 59 Aggregates
 - More coming



Add Resources to GENI Slice *ahtest* (Results)

Total run time: **15 seconds**

Status: **Running**

Started at: **Thu, 16 Oct 2014 14:42:33 -0400**

Last updated: **Thu, 16 Oct 2014 14:42:48 -0400**

Results | Detailed Progress | Request RSpec | Manifest RSpec | Send Problem Report | Advanced

Results

Resources requested from RSpec:

Pending... (See 'Detailed Progress' tab for more information.)

[Back to All slices](#)

[Back to Slice *ahtest*](#)

Submit Reservation Problem Reports

Results | Detailed Progress | Request RSpec | Manifest RSpec | **Send Problem Report** | Advanced

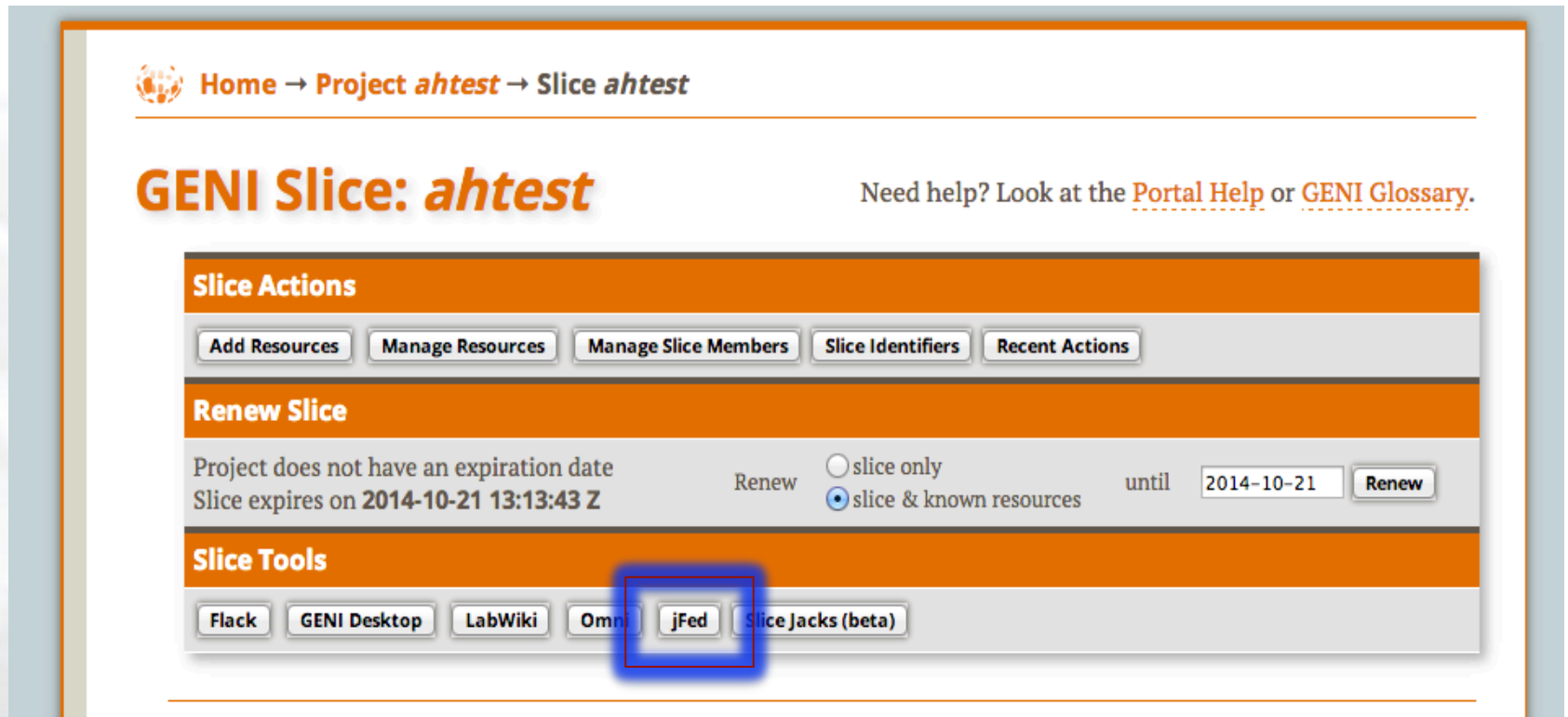
Send a Problem Report

Ran into a problem or have a question? Search the [GENI Users](#) archives for answers to similar questions. If you cannot find an answer, join the [geni-users mailing list](#) and send your problem report there.

- The problem report will include your name, e-mail address, slice and project information, request RSpec, manifest RSpec(s), progress log, debug log, error log and process metadata.
- The report will not include security-sensitive information such as slice credentials, certificates, private keys and SpeaksFor credentials.

If you are not comfortable sharing your problem report outside the GENI Project Office, email it to portal-help@geni.net.

From	Aaron Helsinger <ahelsing@geni.net> (Copy me on the problem report e-mail: <input type="checkbox"/>)
Subject	GENI Portal Reservation Problem Report
To (Required)	Recipient e-mail: <input type="text" value="geni-users@googlegroups.com"/>



The screenshot shows the GENI Slice: ahtest portal. At the top, a breadcrumb trail reads: Home → Project *ahtest* → Slice *ahtest*. Below this, the title "GENI Slice: *ahtest*" is displayed in large orange text. To the right, a link says "Need help? Look at the [Portal Help](#) or [GENI Glossary](#)." The main content area is divided into three sections: "Slice Actions" with buttons for "Add Resources", "Manage Resources", "Manage Slice Members", "Slice Identifiers", and "Recent Actions"; "Renew Slice" with a message "Project does not have an expiration date" and "Slice expires on 2014-10-21 13:13:43 Z", a "Renew" section with radio buttons for "slice only" and "slice & known resources" (the latter is selected), a date field set to "2014-10-21", and a "Renew" button; and "Slice Tools" with buttons for "Flack", "GENI Desktop", "LabWiki", "Omni", "jFed", and "Slice Jacks (beta)". The "jFed" button is highlighted with a blue square.

Used in Intro Tutorials

New: Jacks Slice Manager

BETA!

Manage Resources

Jacks initialized: no resources

Site 0

Renew

Renew Date

Delete

SSH

Restart

Details

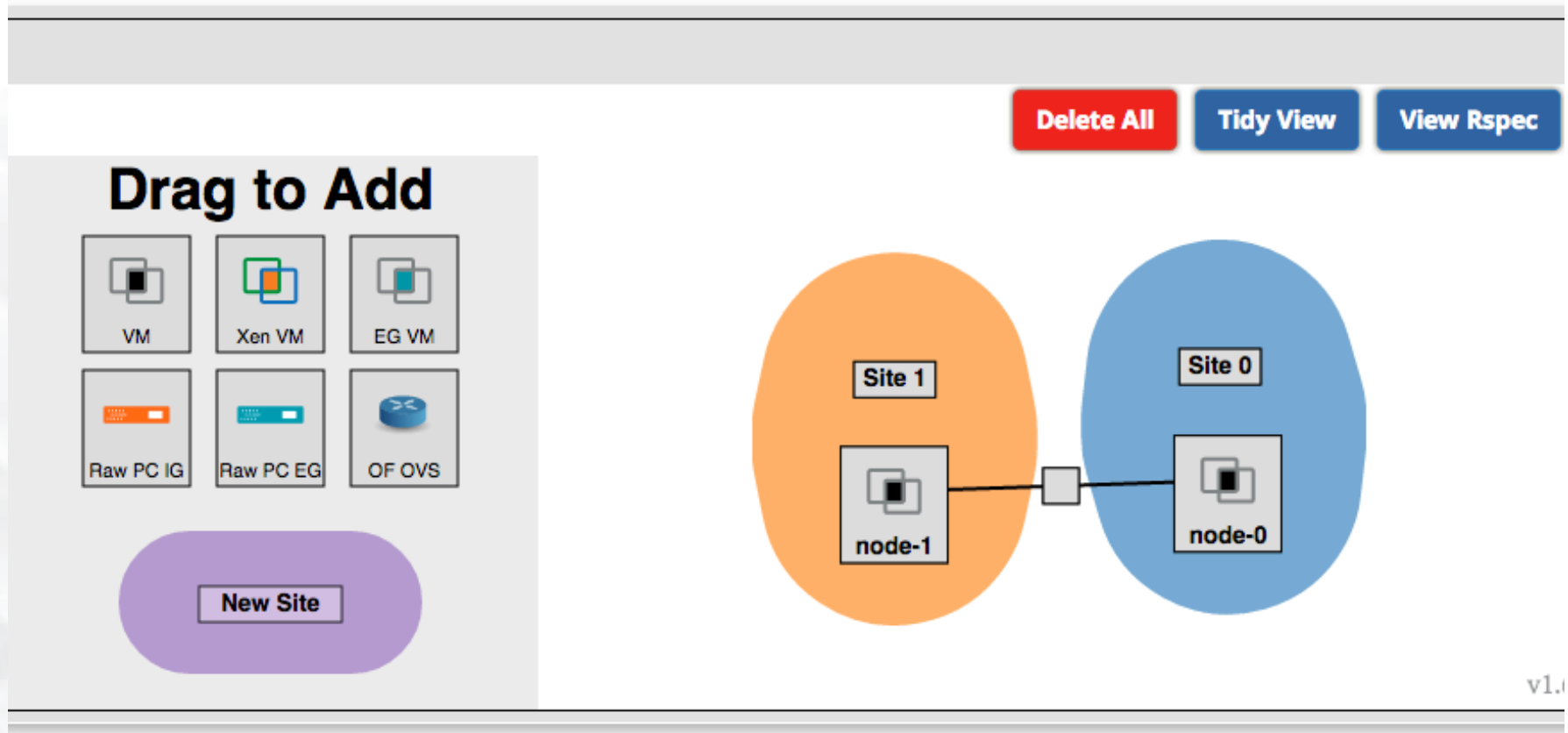
Status

Add Resources

New: Jacks for Adding Resources

Add Resources **BETA!**

To add resources you need to choose a Resource Specification file (RSpec).



The screenshot shows the 'Add Resources' interface. At the top right, there are three buttons: 'Delete All' (red), 'Tidy View' (blue), and 'View Rspec' (blue). Below these is a 'Drag to Add' panel on the left containing six resource icons: VM, Xen VM, EG VM, Raw PC IG, Raw PC EG, and OF OVS. A 'New Site' button is at the bottom of this panel. To the right is a network diagram showing two sites, Site 1 (orange) and Site 0 (blue), connected by a line. Site 1 contains 'node-1' and Site 0 contains 'node-0'. The version 'v1.0' is visible in the bottom right corner.

Used in Intro Tutorials

- Reserve any multi-aggregate topology through the Portal
 - Including GRE tunnels, stitching, shared VLAN
- New reservation interface
- jFed integration
- Jacks Rspec editor and viewer (in Beta)
- Improved GENI Wireless integration
- Improved performance
- Resources reserved through the portal or Omni are recorded

- Omni 2.7 just released
- Omni is a command-line reservation tool
- Omni can be used by other tools
 - The GENI Portal
 - GENI Desktop
 - geni-lib
- Linux, Mac and Windows installers
- Supports many Clearinghouse operations
 - list slices, create slice, manage slice members
- SSH keys for your slice members are installed on new nodes by default
- Reports new reservations to the Clearinghouse

- Now handles most multi aggregate topologies
 - ExoGENI and ExoGENI stitching
 - GRE tunnels
 - Shared VLANs
 - Any fully bound request
- Added support for the forthcoming AL2S aggregate
- Improved error handling and reservation retrying
- Resources reserved to a consistent time
 - No more unexplained broken links due to resources expiring