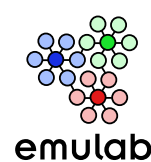




NSF PRObE

A community facility for systems testing at scale



When upgrade becomes compelling

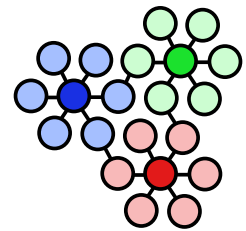


 **Los Alamos**
NATIONAL LABORATORY
EST. 1943

The prior tenant of this room often goes to the dreaded chipper...
To scale-train people, Los Alamos will donate HW, ESNet, assistance

NSF repurposes supercomputers

- PRObE @ New Mexico Consortium
 - Raw, large clusters for experiments at scale (1000+)
 - Dedicated, not virtual, x86 nodes
 - All software replaceable
 - Emulab experiment management



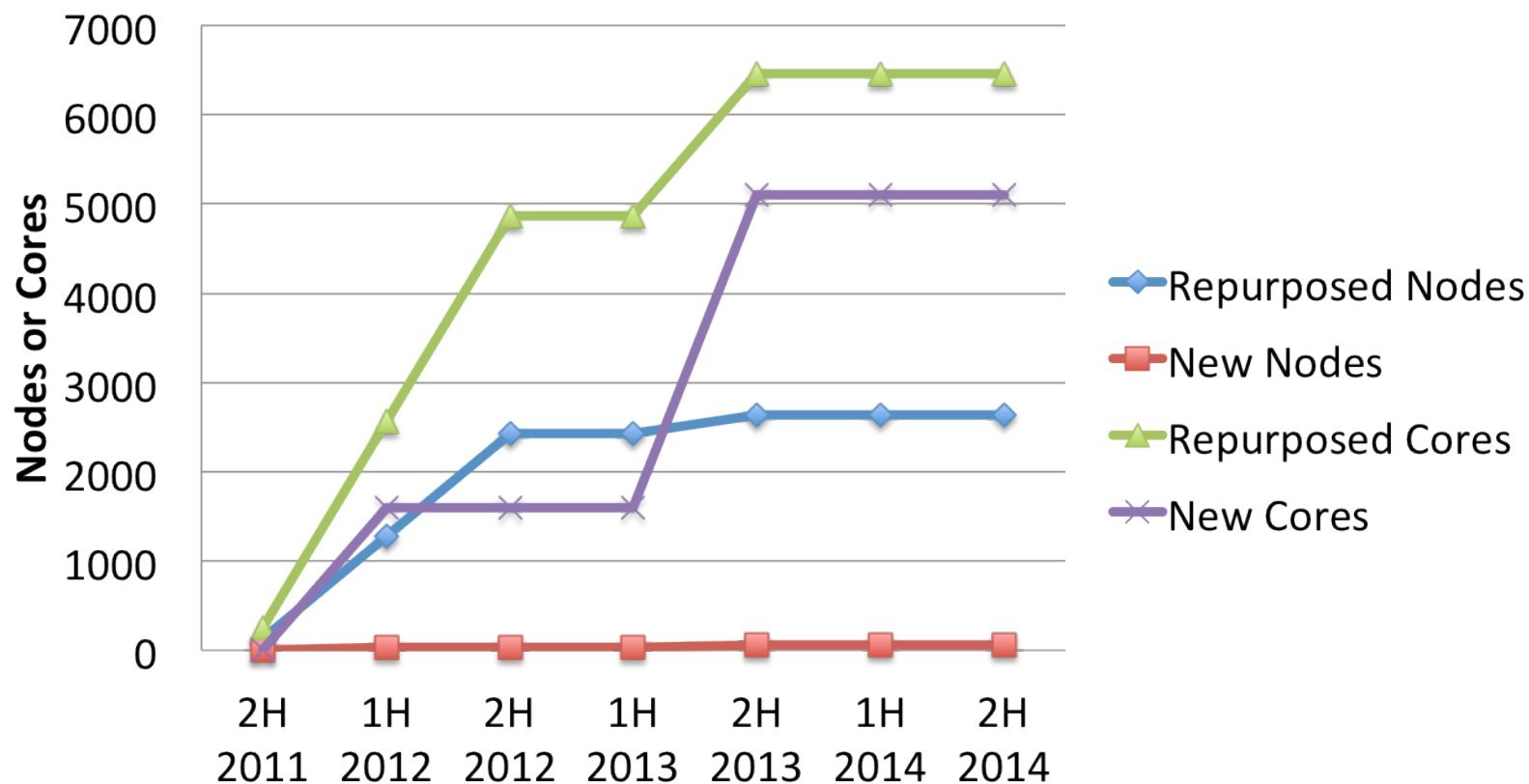
emulab



NSF PRObE Announcement



Equipment availability timeline





Steering & selection cmte

Steven Gribble (UW)

Robbert van Renesse (Cornell)

Rob Ross (Argonne)*

Karsten Schwan (GaTech)*

Margo Seltzer (Harvard)

John Wilkes (Google)

* At SC11

NSF PRObE Announcement



Next steps

- Web: <http://www.newmexicoconsortium.org/probe>
- Email: probe@newmexicoconsortium.org
- Next community event
 - SC11 Panel on Workforce Development
**(Developing the Rarest of the Rare:
Low-level Systems Infrastructure Skills at Scale)**
Thurs Nov 17, 2011, 10:30am-12, WSCC 2A/B
- Look for application process on web this fall