Cluster C Outbrief

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Topics of Discussion

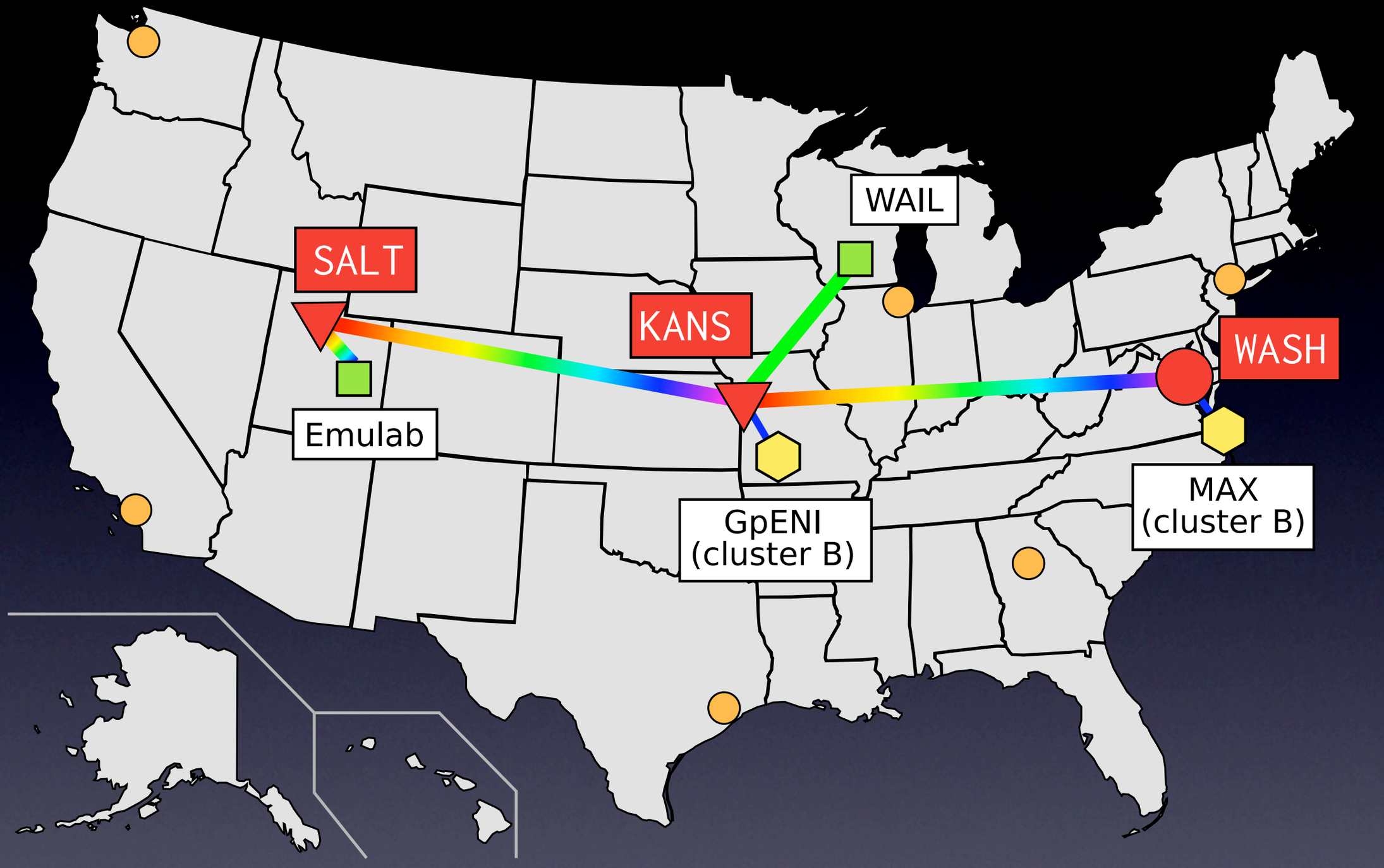
- Introductions/status updates
  - ETRI Korea, Kentucky
  - CF Spiral 2 plans
- Incorporating Million-Node GENI model
- Backbone discussion
- Slides up on cluster agenda page

CF Plans for Spiral 2

- Integration: improve, and new projects
  - Reference CM (by January)
    - RSpec: manifest, extensions, etc.
- Native shared-PC support: OpenVZ, Xen
- Multi-aggregate slice embedding service
- Multi-level authorities
- Better user and aministrator interfaces

Million Node GENI

- Different resource model
  - Enumerating resources makes less sense
- Fewer operations/states make sense
  - Booting, reservations
- Trying to resolve discrepancies
  - Add to RSpec: “x nodes like this”
  - Different “levels” of CM API support


SALT
KANS
WAIL
WASH
Emulab
GpENI
(cluster B)
MAX
(cluster B)
High-degree node
Low-degree node
Other I2 router site
(future expansion)
SALT
Internet2 POP
Regional Network
Campus/Lab
10Gb Layer-1 λ (dedicated)
10Gb Layer-2 Ethernet (shared)
1Gb Layer-1 patch (dedicated)