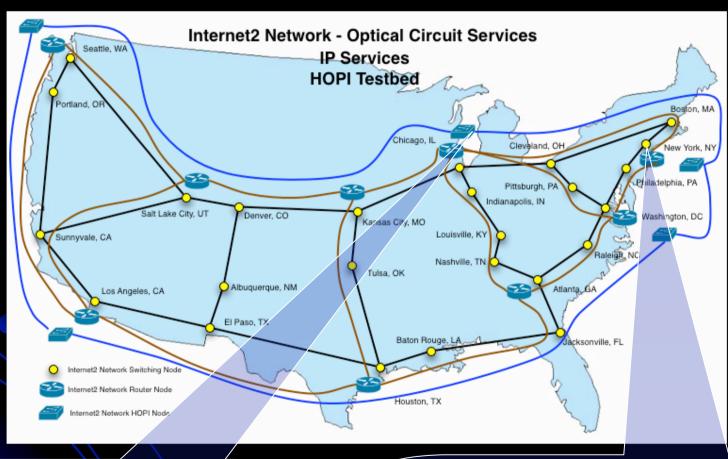
Internet2 Dynamic Circuit Services Control Plane Discussions

September 18, 2007 GLIF Control Plane Meeting Prague, Czech Republic

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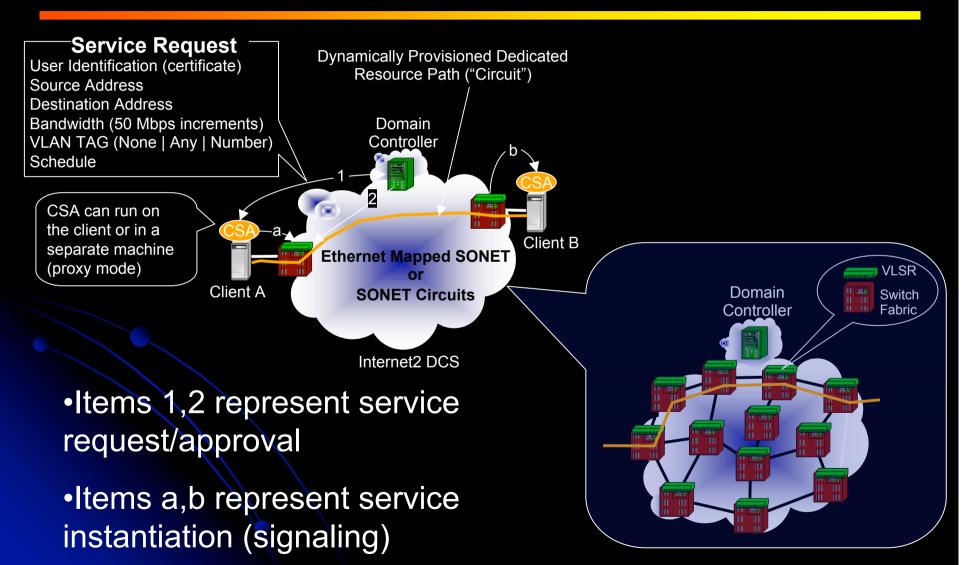
Internet2 Dynamic Circuit Services (DCS)



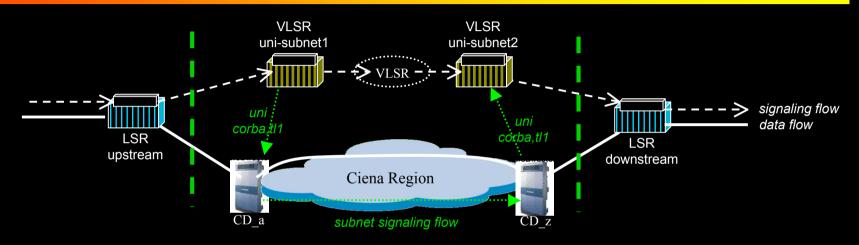




Client "Service" View IntraDomain

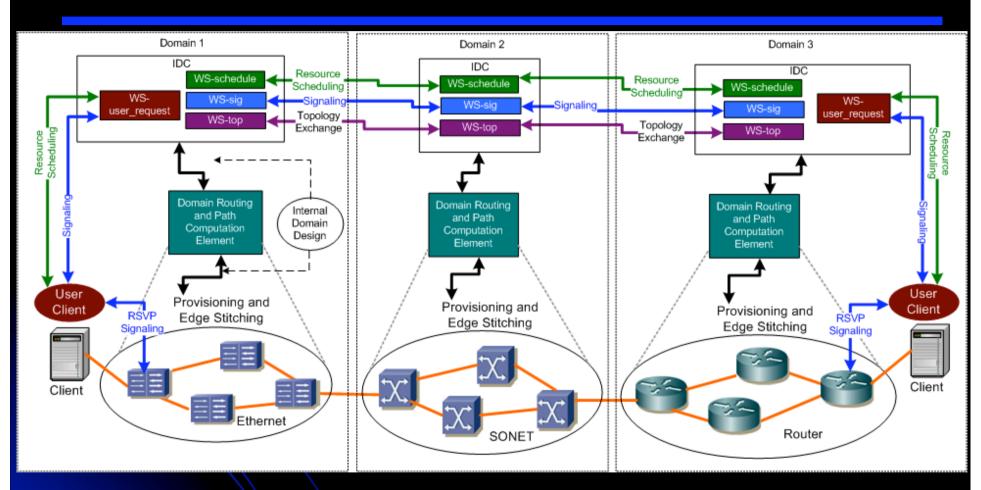


Integration Core Director Domain into the End-to-End Signaling



- Other configuration options: Multiple VLSRs divide the Ciena Region.
 - Source and destination UNI clients belong to two separate VLSRs.
 - The two VLSRs collaborate in a subnet RSVP UNI session.
 - CD a and CD z have different control-plane 'home VLSRs.'
 - Definition Each subnet switch (e.g., CD) has a control-plane 'home VLSR,' which
 initiates a subnet signaling session as the source RSVP UNI client.
 - There could be some intermediate VLSRs between the source and destination home VLSRs in the subnet.
 - These 'transit VLSRs' are home for neither CD_a nor CD_z. They pass the main RSVP session messages while not involved in the subnet session.

Hybrid Networks Web Service Control Plane Interfaces



- Four Primary Web Services Areas:
 - Topology Exchange, Resource Scheduling, Signaling, User Request