



protojeni

InstaGENI Administration

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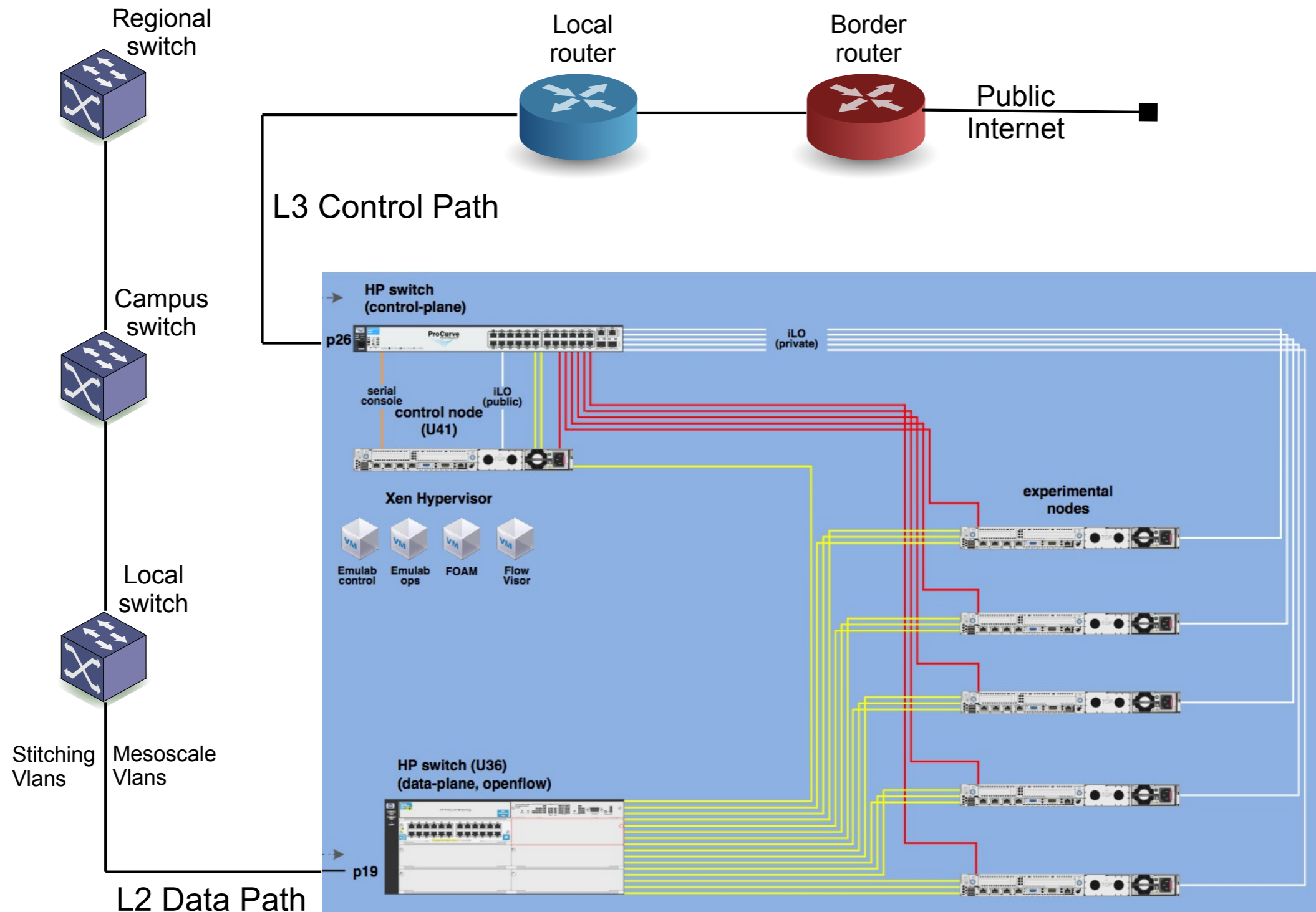
Potential Topics: Slides

- The InstaGENI network
- InstaGENI services
- Infrastructure vs. User Nodes

Potential Topics: Live Demos

- Looking up slices
 - List
 - IP
 - VLAN
- Tracking down users
- How to shut down slices (locally)

InstaGENI Network



InstaGENI Services: boss (I)

- named
- dhcpd
- tftpd
- sshd
- httpd (80, 443, 5001, 12370, 12369)
 - 5001: GPO monitoring
 - 12370: InstaGENI XML-RPC without authentication
 - 12369: InstaGENI XML-RPC with authentication

InstaGENI Services: boss (II)

- tmcd (7777)
- bootinfo (6969)
- pubsubd (16505)
- Metadata server (8787)
- mfrisbeed (64494)
- frisbeed (various multicast addresses)
- flashpolicy

InstaGENI Services: ops

- sshd
- NFS-related services
 - rpcbind, mountd, nfsd, rpc.statd
- httpd (80, 443)
- pubsubd
- ntpd
- smtpd

Infrastructure vs. Users

- .2 ILO for control node
- .3 dom0 for control node
- .4 boss
- .5 ops
- .6 flowvisor
- .7 FOAM

Videos Online

<http://www.emulab.net/vid.html>

Killing Off a Slice

- Poking around
 - root ssh from boss
- On just your aggregate
 - boss> wap cleanupslice -m <sliceurn>
 - Add '-f' if the slice says it's locked
- GENI-wide:
 - Contact the GMOC

Powering off a Rack

<http://www.protogeni.net/wiki/instageni/rack-power-off>