Seamless Interworking of SDN and IP

SDN-IP helps migrate your network to SDN

- Allows an SDN network to seamlessly connect to rest of the Internet using BGP
- Peers with BGP speakers and creates OpenFlow paths in the network in response to received routes from the peers
- Allows scaling of SDN control plane by interconnecting smaller SDN networks

Scaling SDN Control

Architecture of SDN-IP Network Peering

Real Deployment

- Internet2 AL2S network
- Connecting 6 universities around US
- 40 OpenFlow switches
- No routers in the core
- Require high availability for the control plane

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