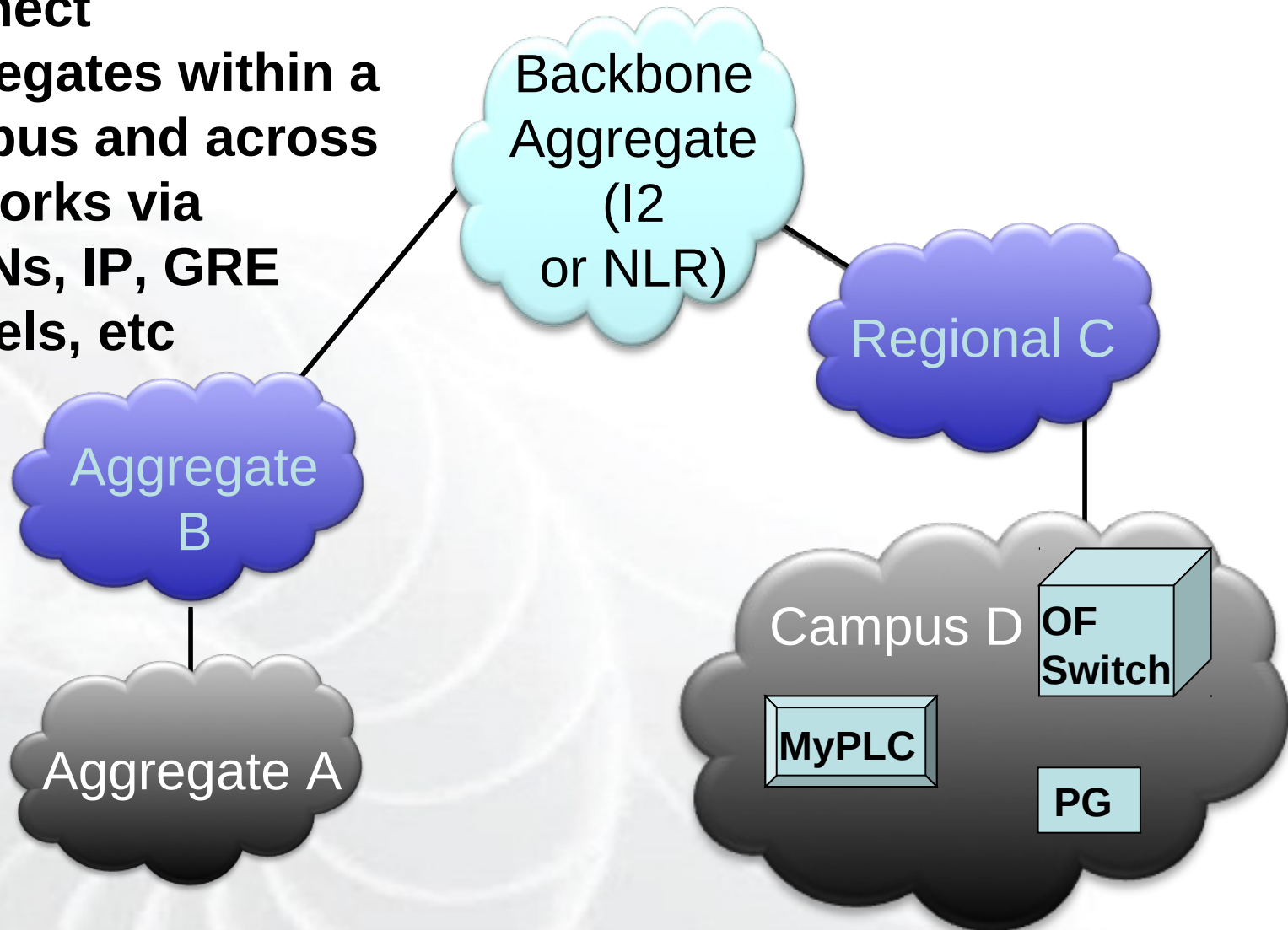


GENI Network Stitching: Discussion Points

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**Connect
aggregates within a
campus and across
networks via
VLANs, IP, GRE
tunnels, etc**



- Architecture as in the Overview document
 - Use a common schema
 - 6 key functions
 - Use a common API
- Details to work out
 - Draft schema proposed for discussion
 - Common Stitching API
 - Actively discuss via email and phone after this GEC
- Formal acceptance of Stitching API at GEC11

- Schema
 - How much detail?
 - Different standards basis?
 - This is IETF GMPLS based
- Functions
 - Right List?
 - Central service? In Client? AM? All?
- Are there other use cases to drive design
 - Not VLANs or OpenFlow
- Discussion participants
 - Who else here?
 - Need more campus / ops voices
- Schedule
 - Can PG implement this architecture before GEC11?
 - When would others implement?
 - What's a good demo?

- Schema
 - ITU basis as in Orca? IETF as in the proposal?
 - Support adaptations?
 - # links per port?
 - Structure of link IDs?
 - Need pictures
- Chain vs Tree mode & interoperability
- When are VLANs selected, instantiated?
- Client: how smart? Where are they?
- Where are the functions? Are there shared versions?
- Authorization
- API specifics
 - Overload existing functions? New functions? Same functions for chain & tree mode?
 - Tickets
- Who writes Proxy AMs (backbones, regionals, campus switches, firewalls)?