

Concept of Operations

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GEC9



Operational Goals for GENI

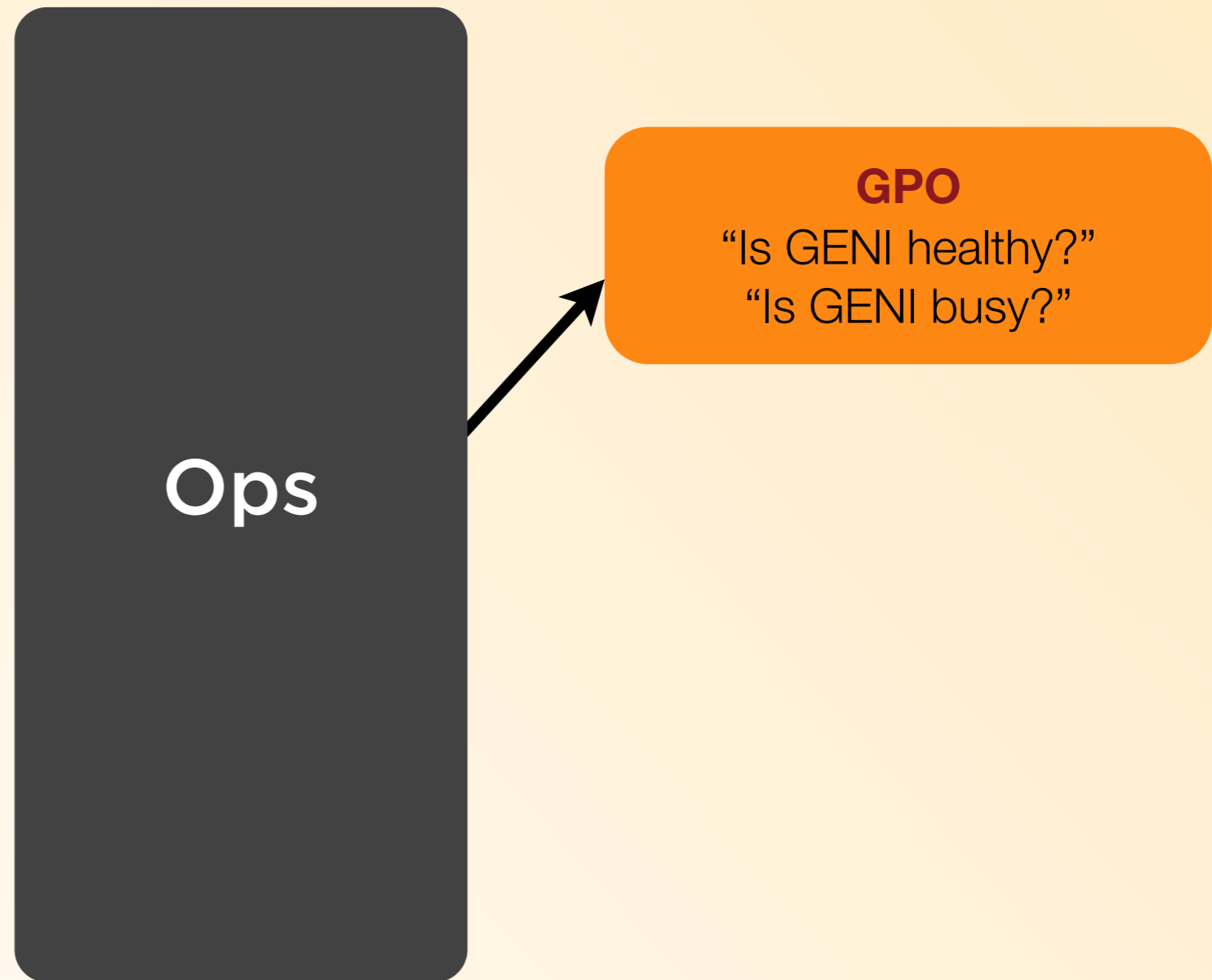
- Provide the services that are needed
- Don't provide services that **aren't** needed
- Don't get in the way



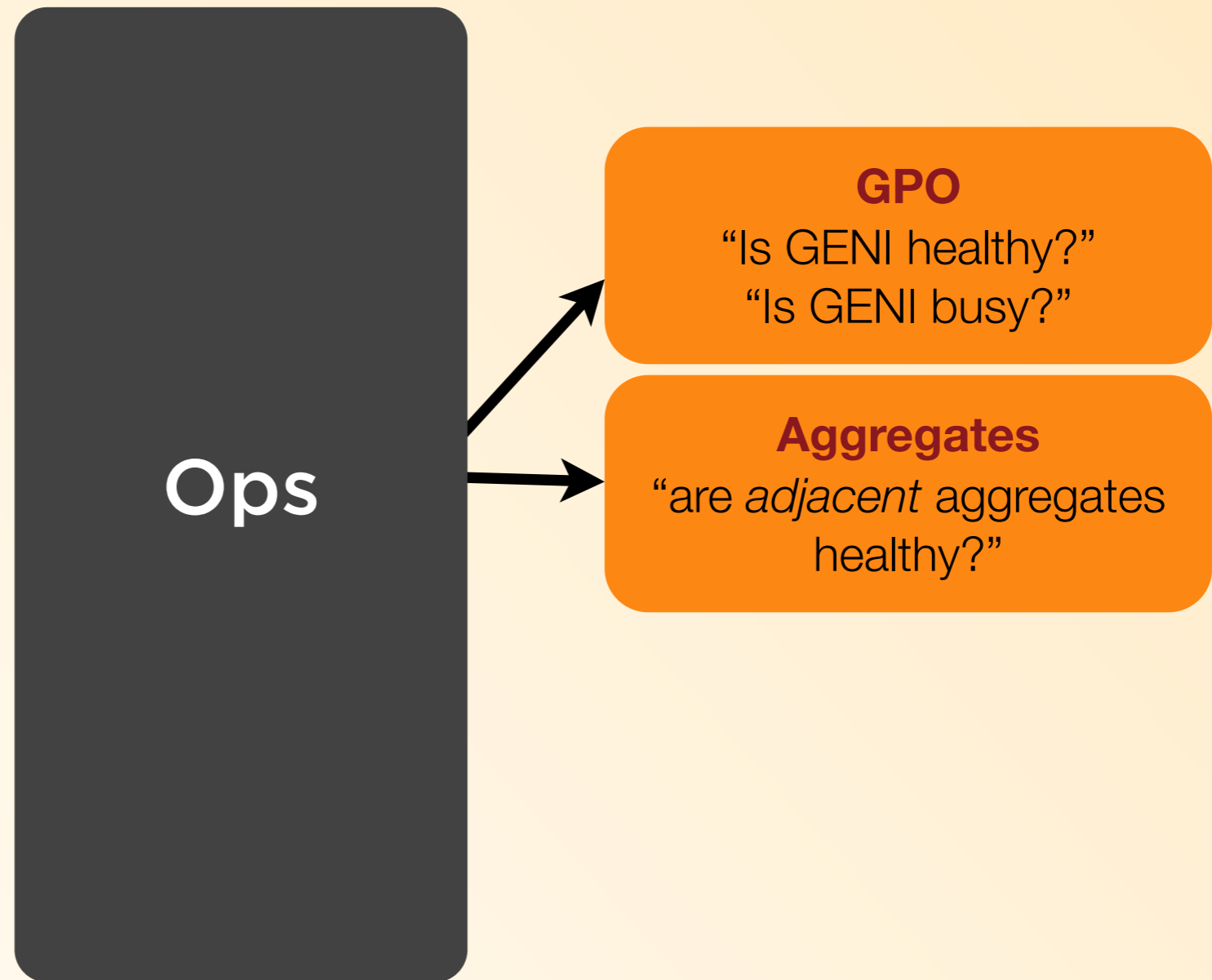
Consumers of Ops Data/Services

Ops

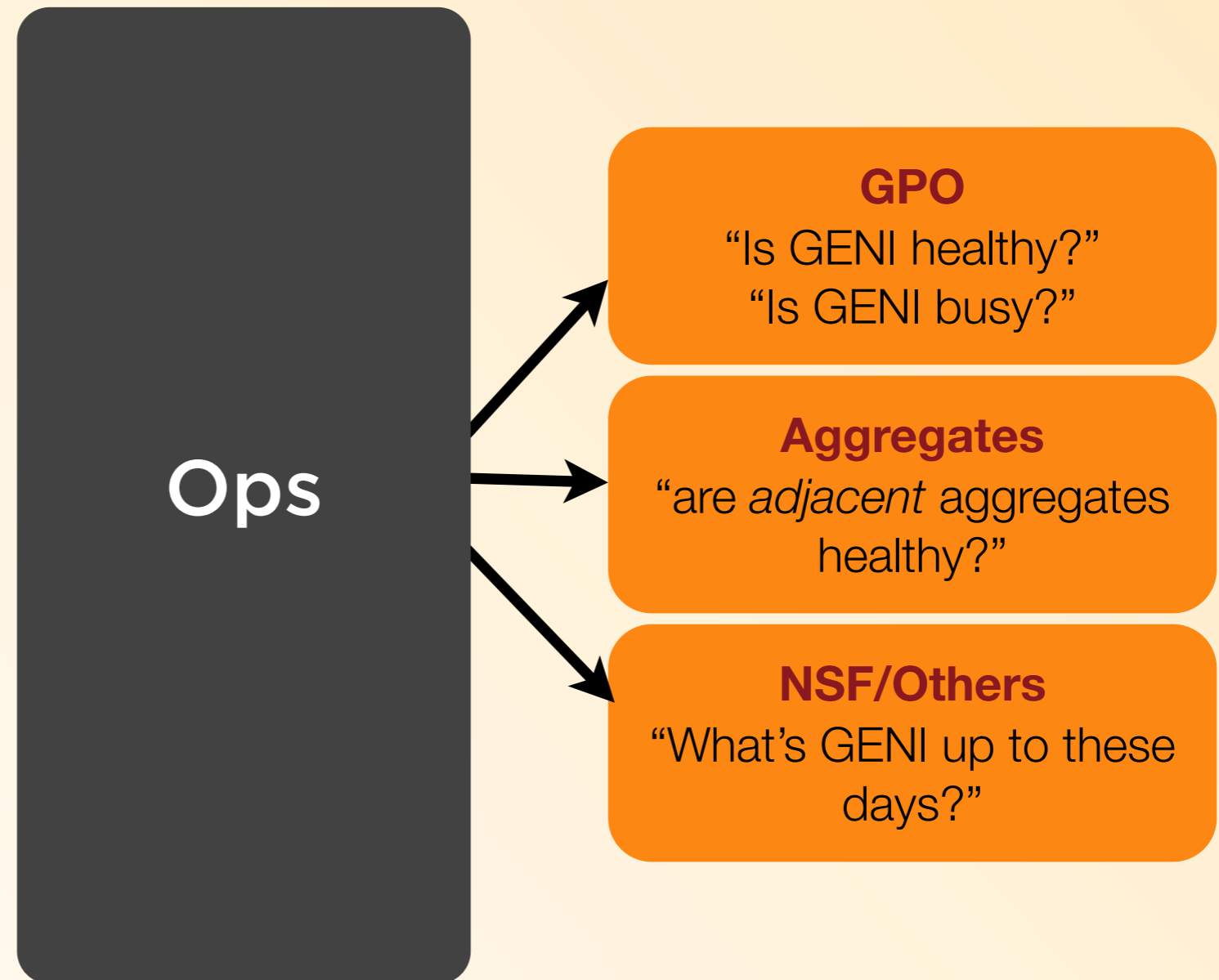
Consumers of Ops Data/Services



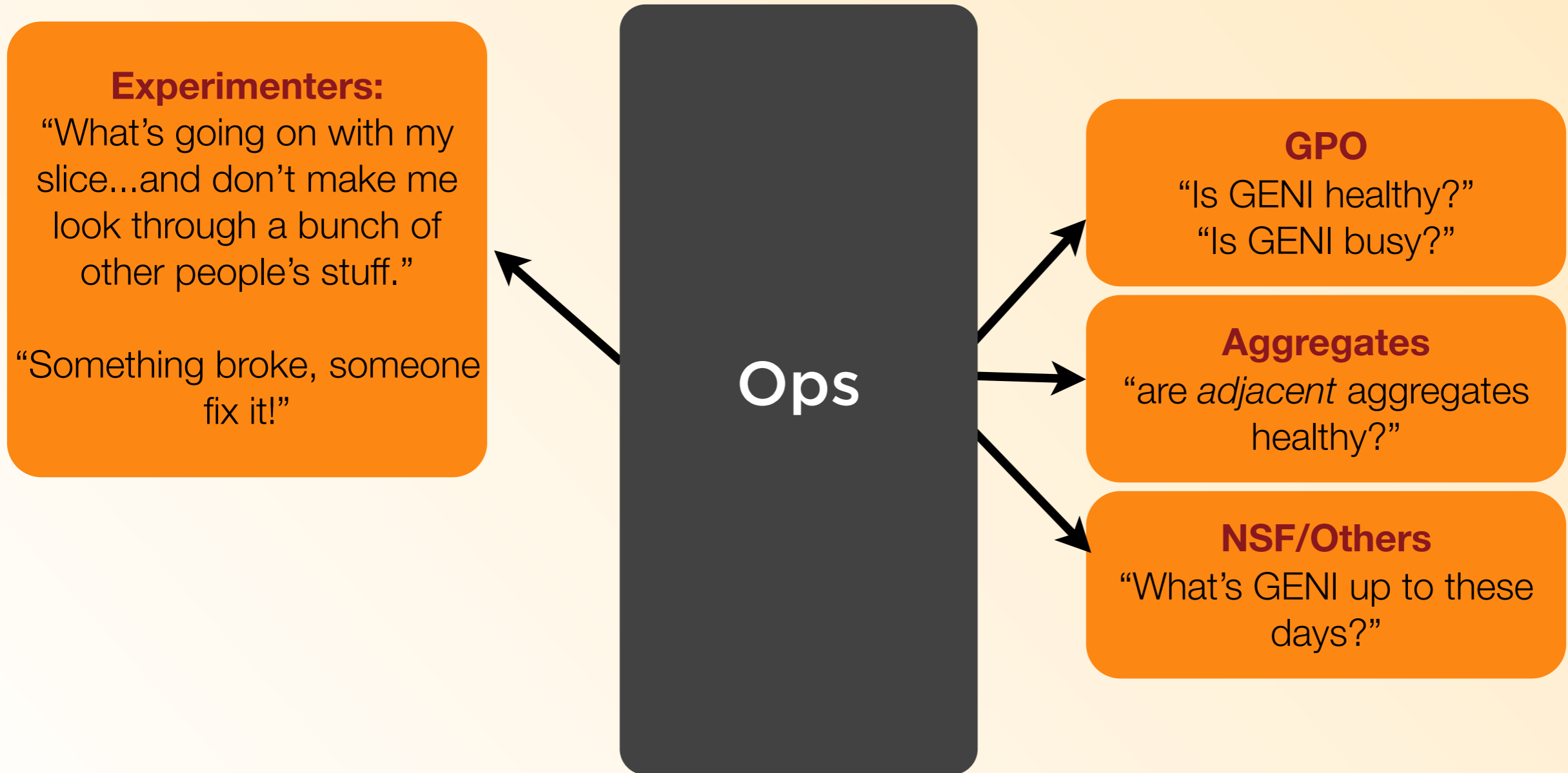
Consumers of Ops Data/Services



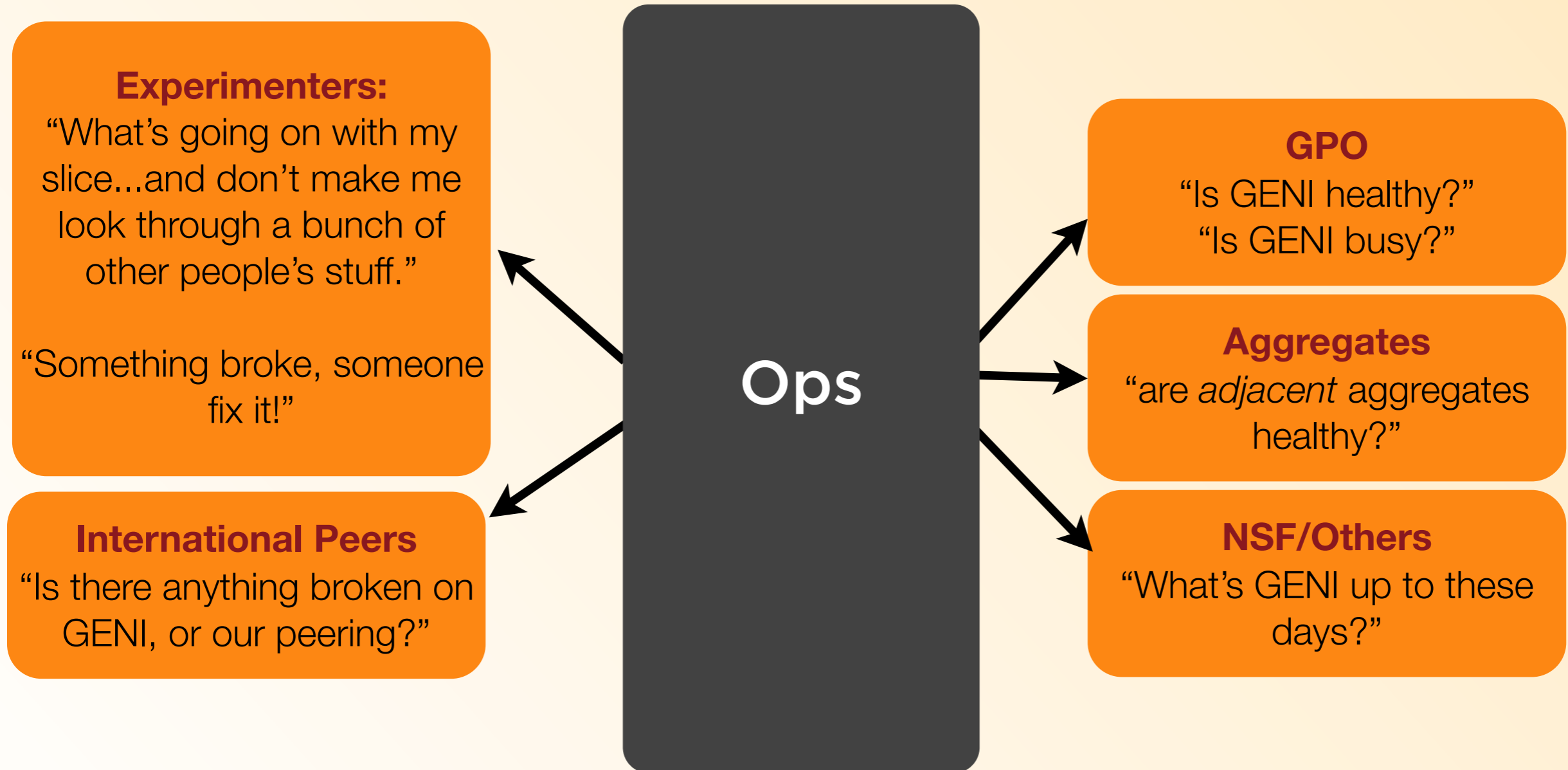
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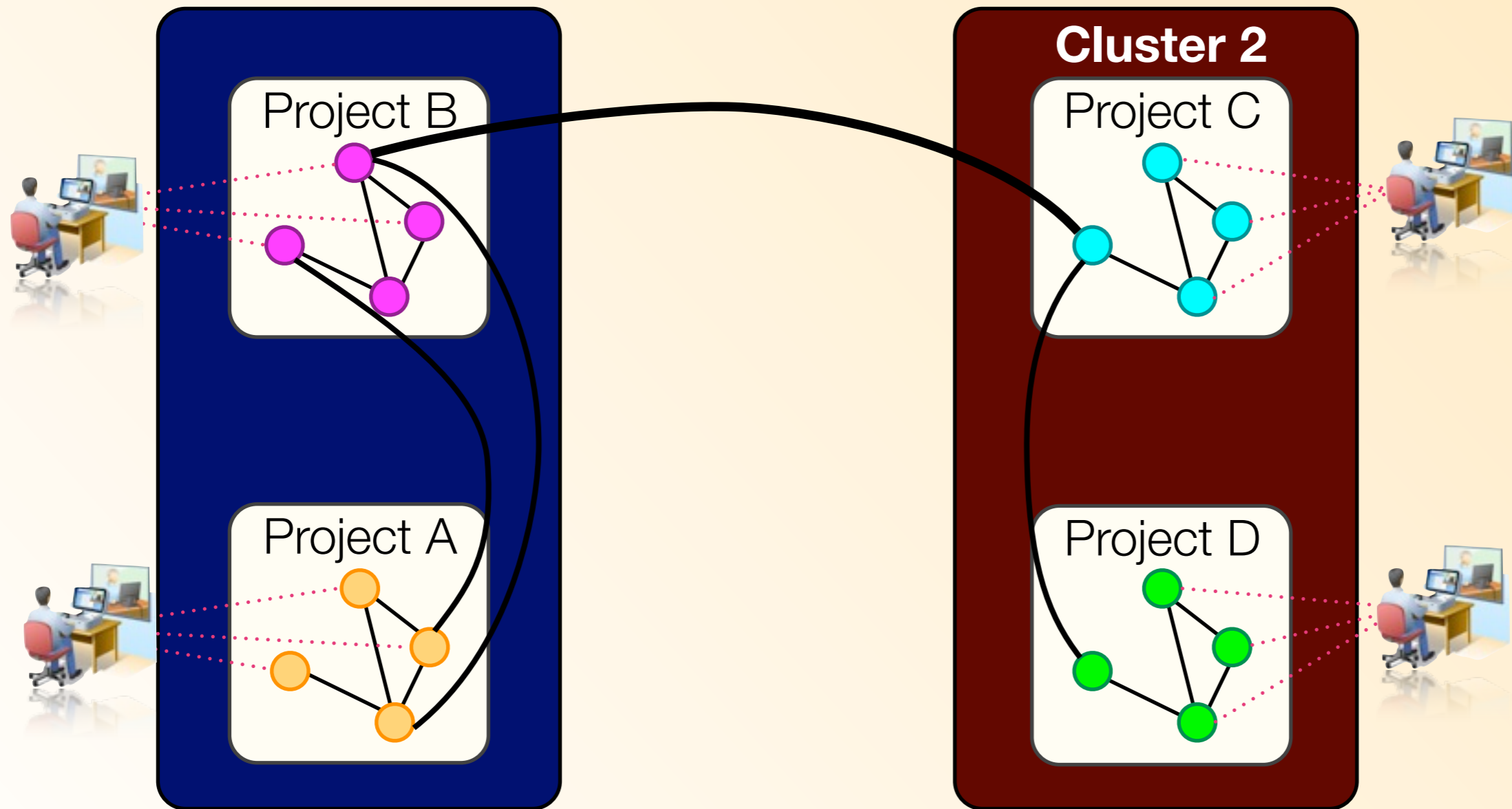
Consumers of Ops Data/Services



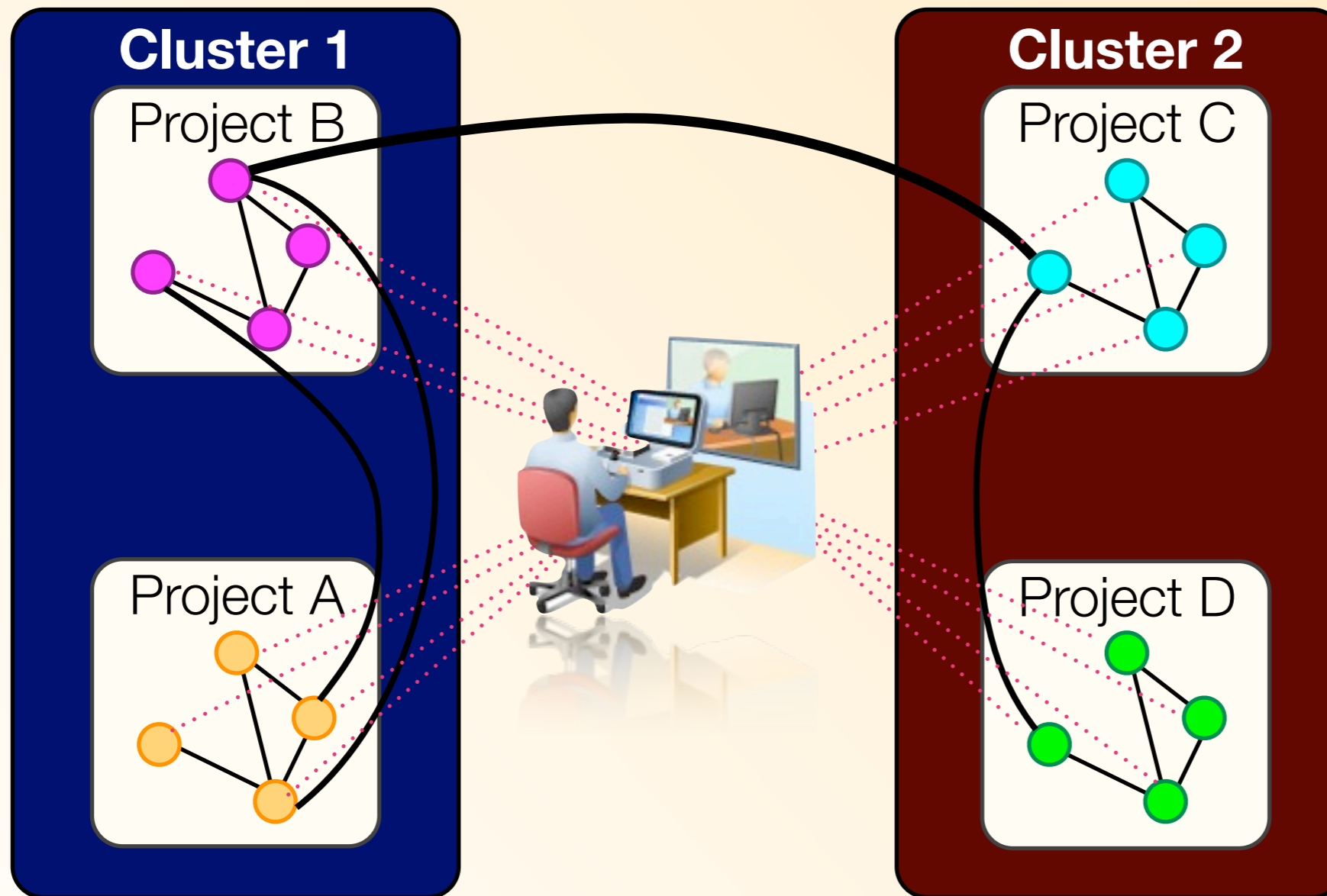
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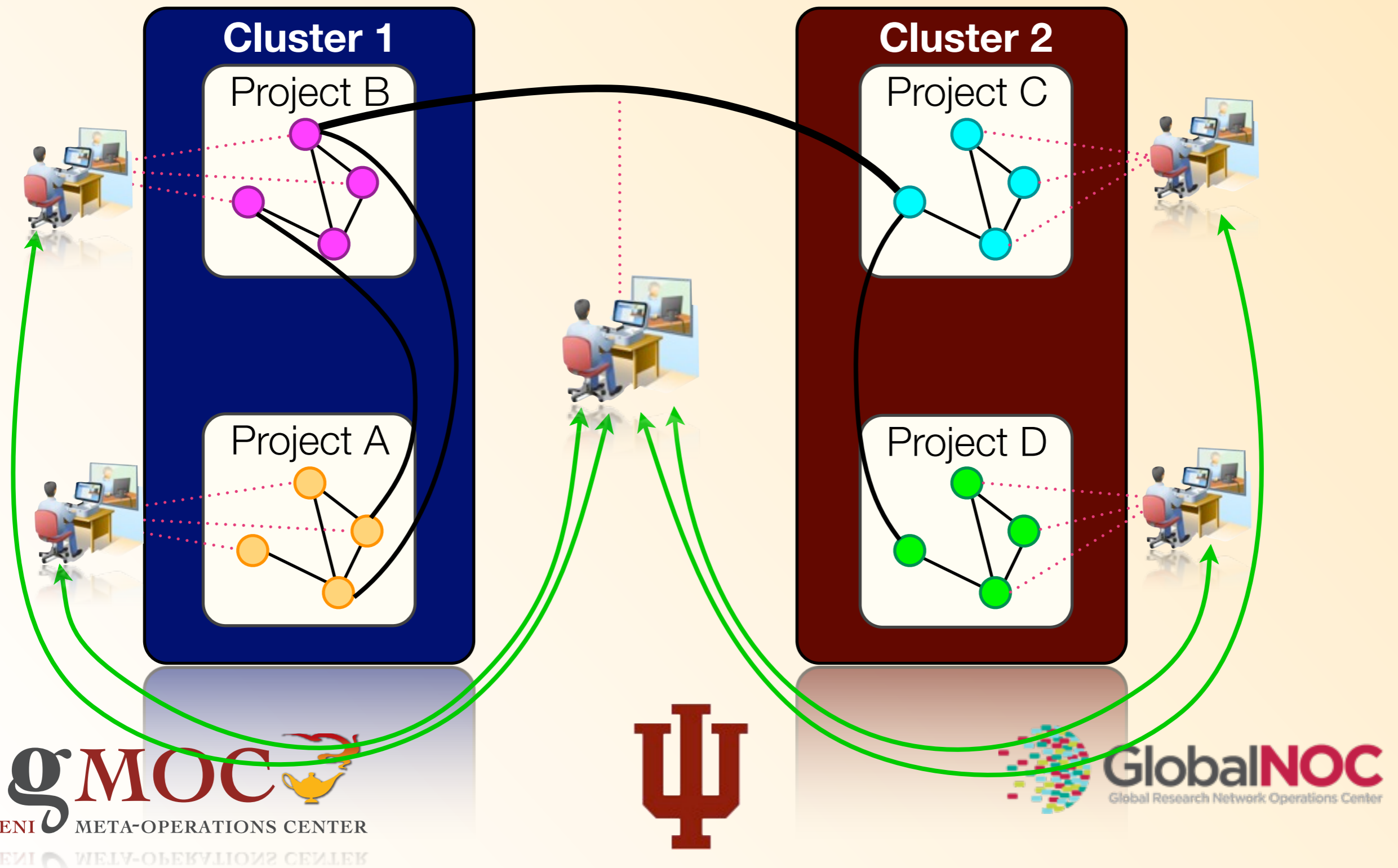
Option 1 - Completely Distributed



Option 2 - Centralized



Option 3 - Meta-Operations



Meta-Operations: GENI's Interstate Commerce Clause

- Aggregate operators are best equipped to operate their own aggregate.
- To supplement, **when slices cross aggregate boundaries** a GENI-wide coordinating organization (meta-operations) should provide a few additional things.
- This list of things will evolve
- The list shouldn't be any longer than needed

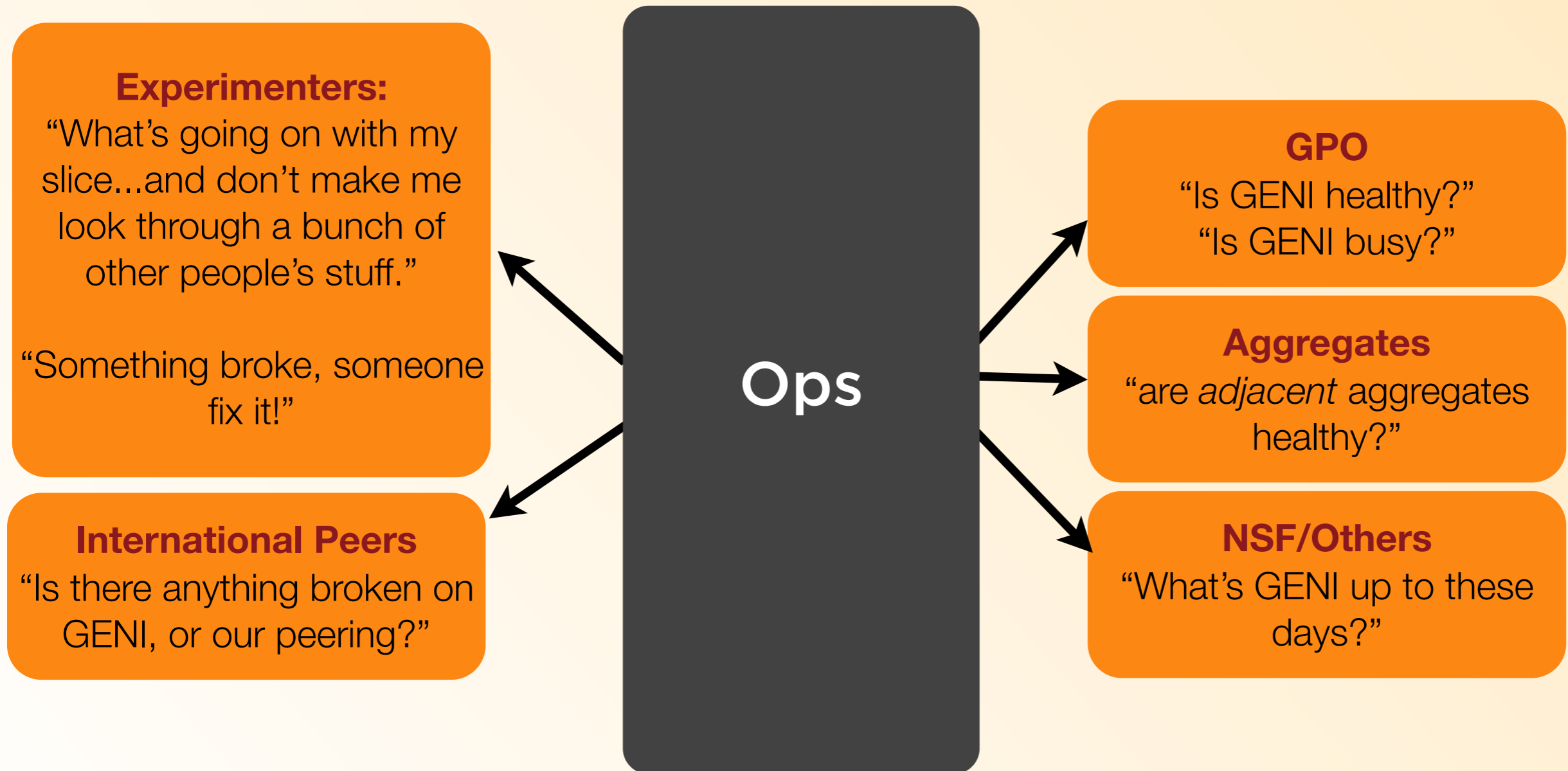


Things Meta-operations should do

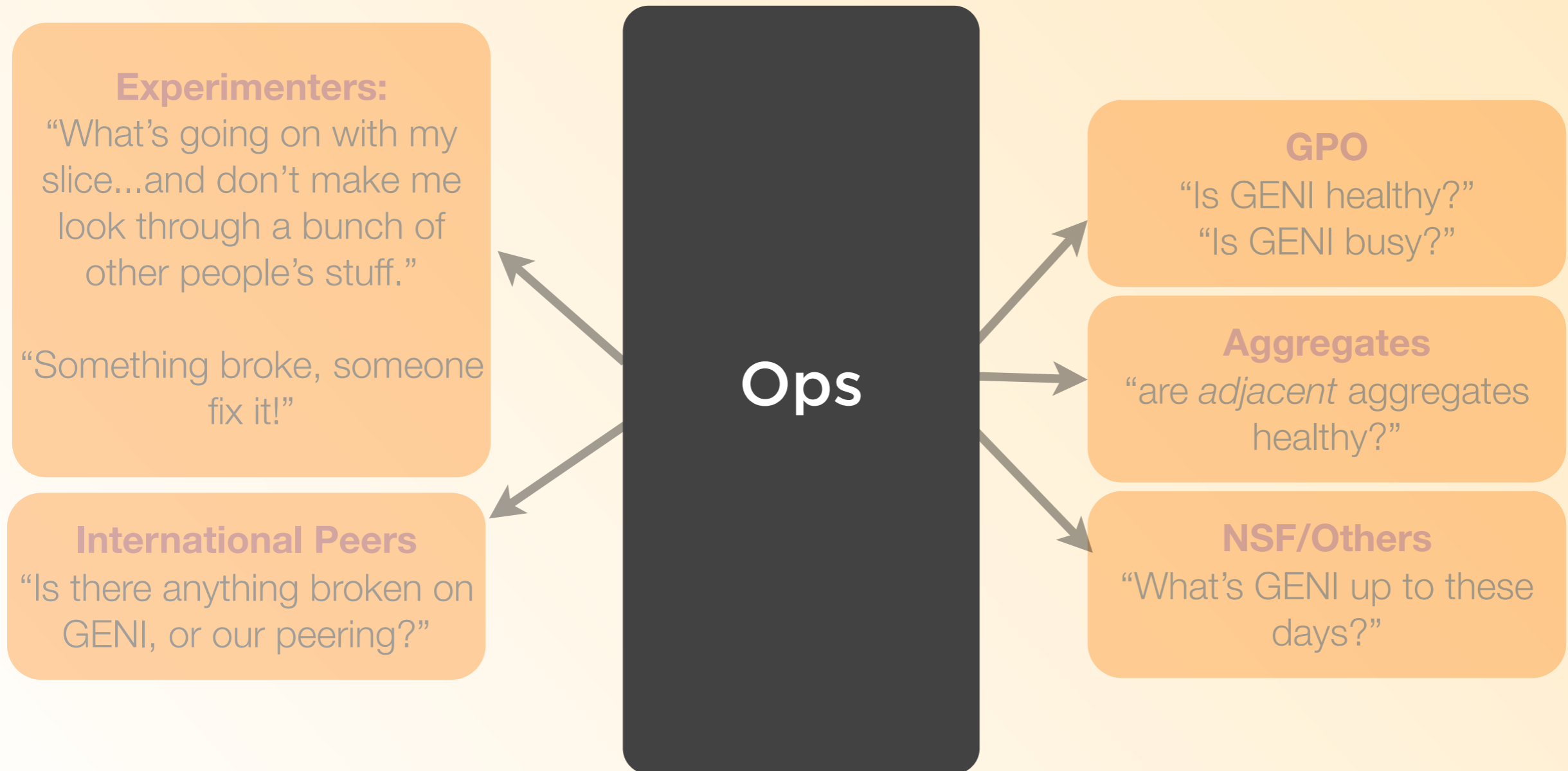
- **For multi-aggregate cases:**
 - emergency stop
 - “front-door” for GENI operational requests
 - Traffic director: get the right person working on the right thing
 - Give a place to see GENI health and usage



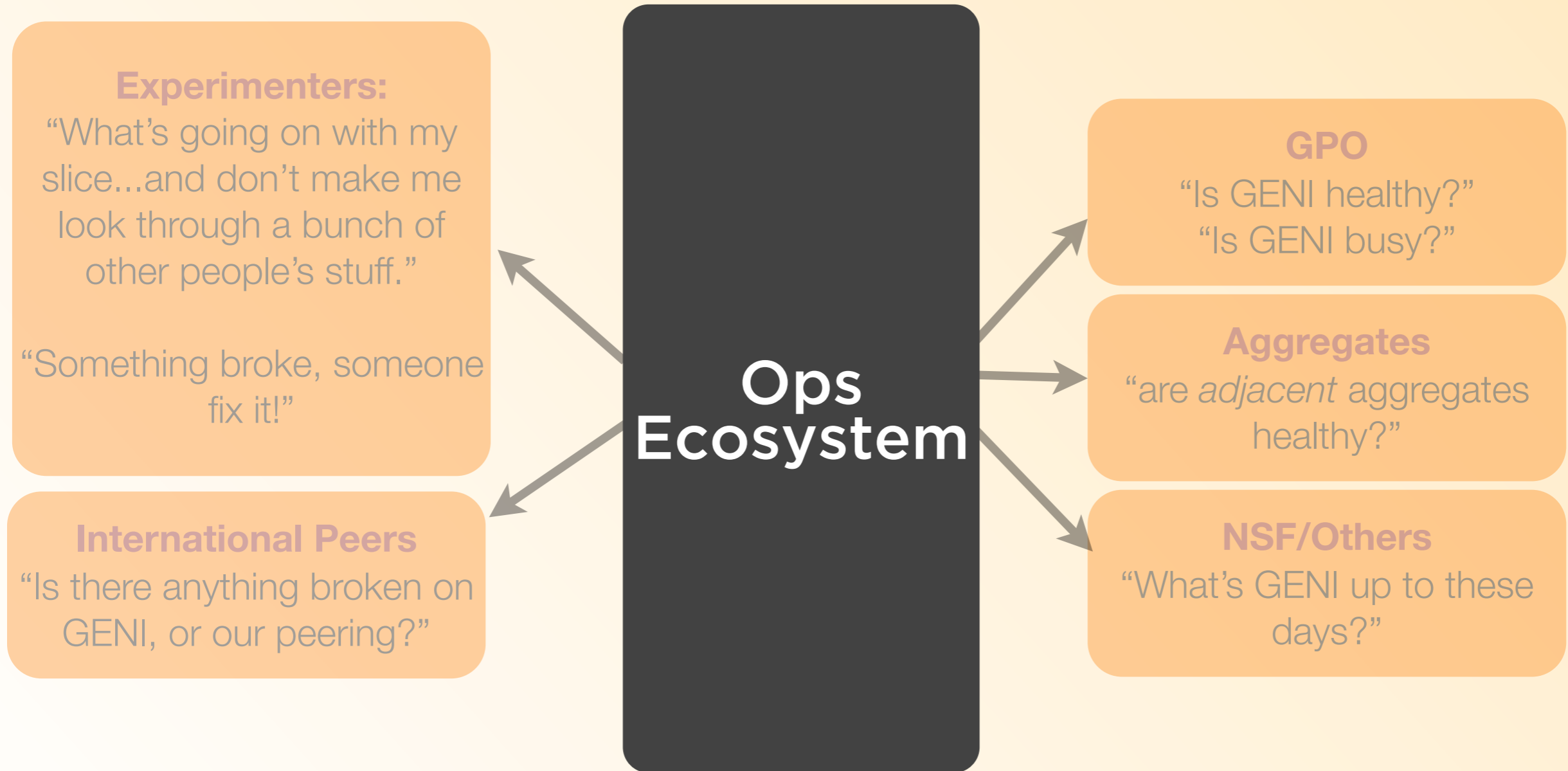
Providers of Ops Data/Services



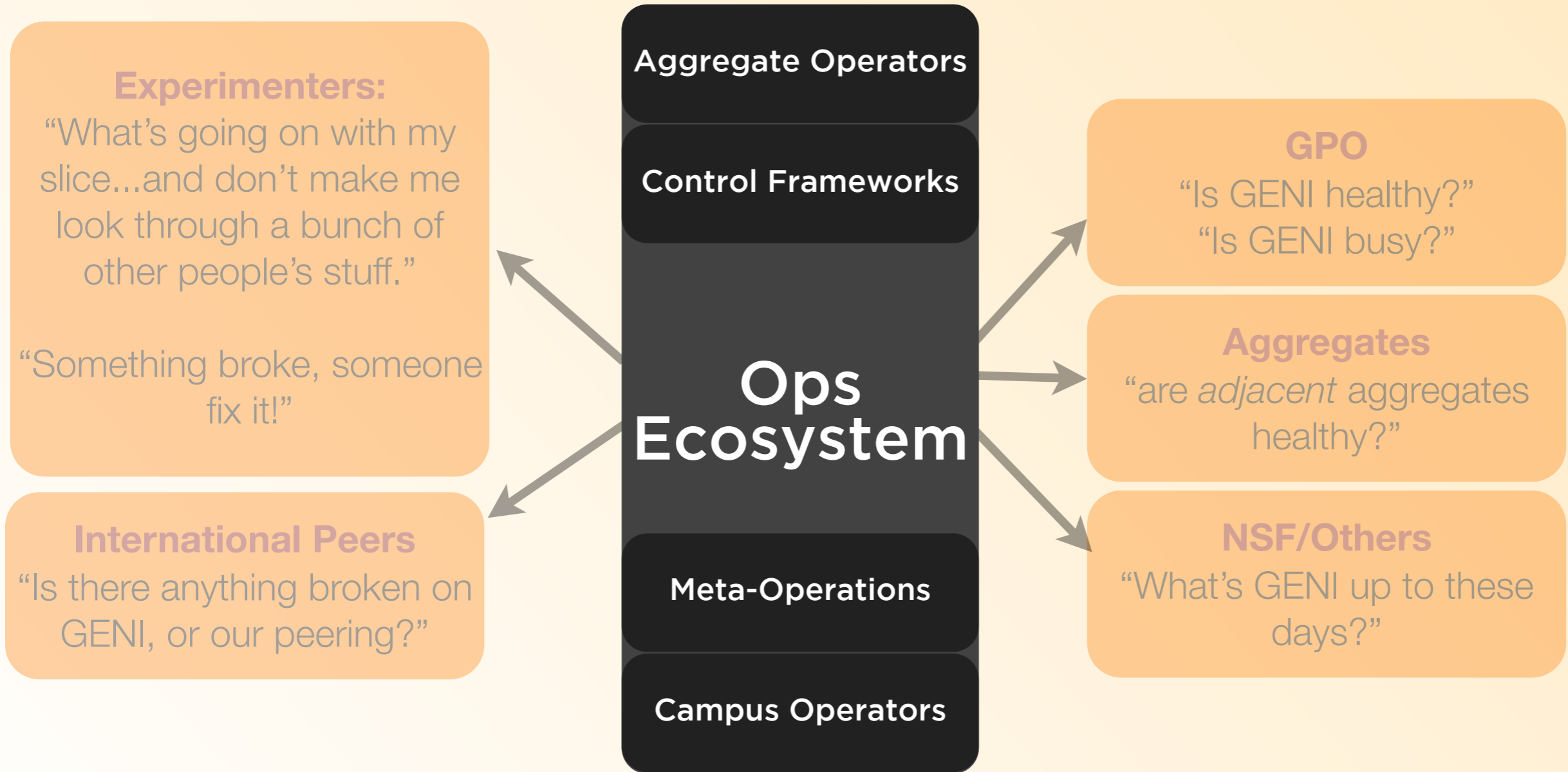
Providers of Ops Data/Services



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What next:

1. Agreement on concept

2. Detail the Operations Ecosystem:

- What groups play a part in GENI ops?
- What things need to be done (now and soon)?
- what agreements or standards do we need?

3. Also, Gather Contacts List



Contacts list

For each aggregate:

- 1. First line contact info**
- 2. Escalation contact info**
- 3. Description of jurisdiction**

We'll be gathering this in spiral 3, beginning soon



