# Diameter Overload Control Requirements

draft-ietf-dime-overload-reqs-00

Changes in draft since Vancouver

- Intercarrier interconnect use case
  - Different restrictions on information passed
  - Simpler topology
  - Desired middlebox behavior different than other cases
    - E.g. Operator 1 wants to send to Server 2 without necessarily requiring support from the interconnect
  - Open Issue: Can this be done with the same mechanism as the other cases?
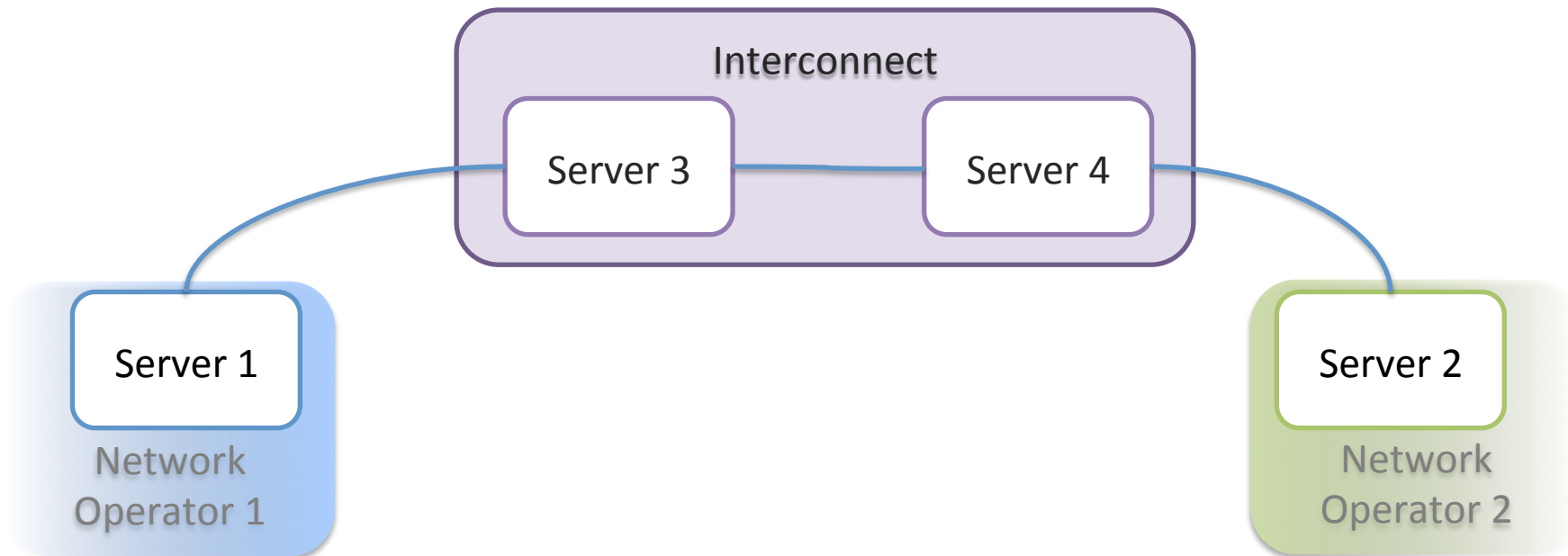
Remaining Actions

- Comments from list
  - Editorial
  - Precision
  - Clarity

Next Steps

- -01 version with list comments
- Others?

- WGLC?

Mechanism Considerations

Characteristic	Hop by Hop piggyback	End to End application
Proxies can make decisions	yes	Yes, but information must be sent to them explicitly or must be extracted when passing through. There may be issues with multiple proxies or topology hiding
Proxies can consolidate information	yes	No
Additional messages on wire	No	Yes
Scaling of messaging rate	Scales with message traffic	Scales independently
Proxy support required for endpoints to receive overload info	yes	Yes, pass through only

Mechanism Considerations
(continued)

Characteristic	Hop by Hop piggyback	End to End application
Can pass through relays	Yes, if they have added support	yes
Requires negotiation	yes	yes
Extends capabilities exchange	yes	No
Additional capability exchange required for extensibility or optional features	Yes, can be combined with initial capabilities exchange	Yes, separate in app exchange mechanism required