How do your packets flow?

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Recovering Network Engineer

Clover Health, Infrastructure Eng

SFMIX, Board of Directors

Previously Google, Craigslist, Twitter, Wikimedia, Cumulus
Kittens

Clover

You!
Kittens

You!

Clove
Server to the switch
Aggregation Layer

Big expensive switch

Switch 1  Switch 2  Switch 3  ...  Switch N

Big expensive switch

$$$$$  $$$$$
Network Bandwidth
Network Bandwidth

[Graph showing network bandwidth with a vertical bar reaching up to 100G]
"LASERS"
Network Bandwidth

![Network Bandwidth Chart](chart.png)
wavelength-division multiplexing (WDM)
Network Bandwidth
Fiber Trilogy
JAWS!!!
Logical
Packet Diagram
Routing
I’m 1.1.1.1.1 and I want a kitten!
1.1.1.1? That goes out interface 1.
1.1.1.1? That goes out interface 4
1.1.1.1? That goes out interface 8!
Kittens

You!
Transit

xfinity

verizon
Transit

xfinity®

Level3®

verizon®

Clover
Kittens

You!

Clover
Latency
Cross connects
Meet Me Room
Peering Exchange!
Peering Exchanges
Questions?

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