Datacenters are Connected with High-Bandwidth

How are these datacenters connected?

The answer varies:

- ° Google built its own optical network;
- other companies **rent fibers** (multiple Tbps) **or wavelengths** (10-100 Gbps), or
- pay for guaranteed data rates using virtual private networks (VPNs).*
- Another option: **pay another company** (such as Akamai) to handle content distribution.

*The UIUC VPN serves a different purpose.