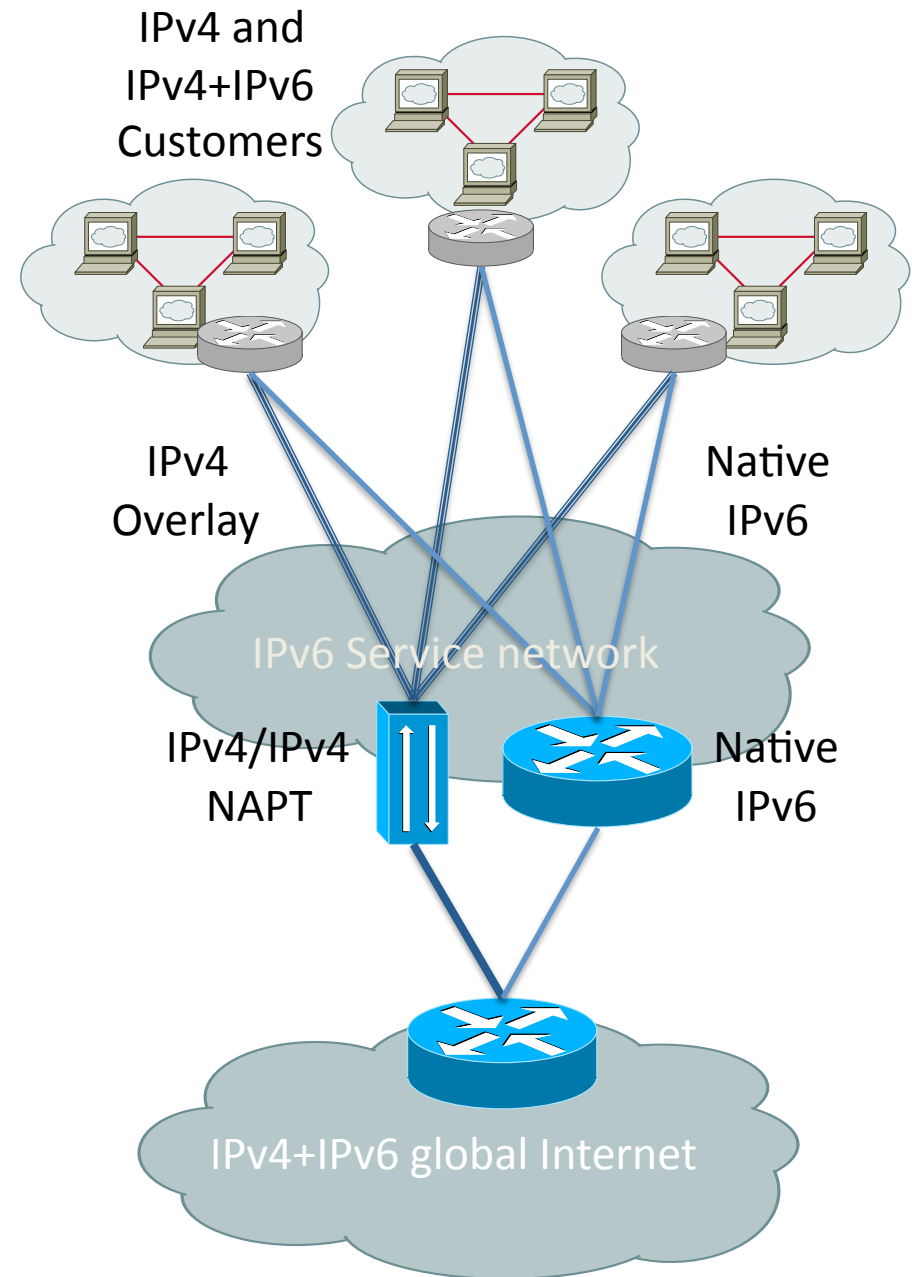


My nightmare

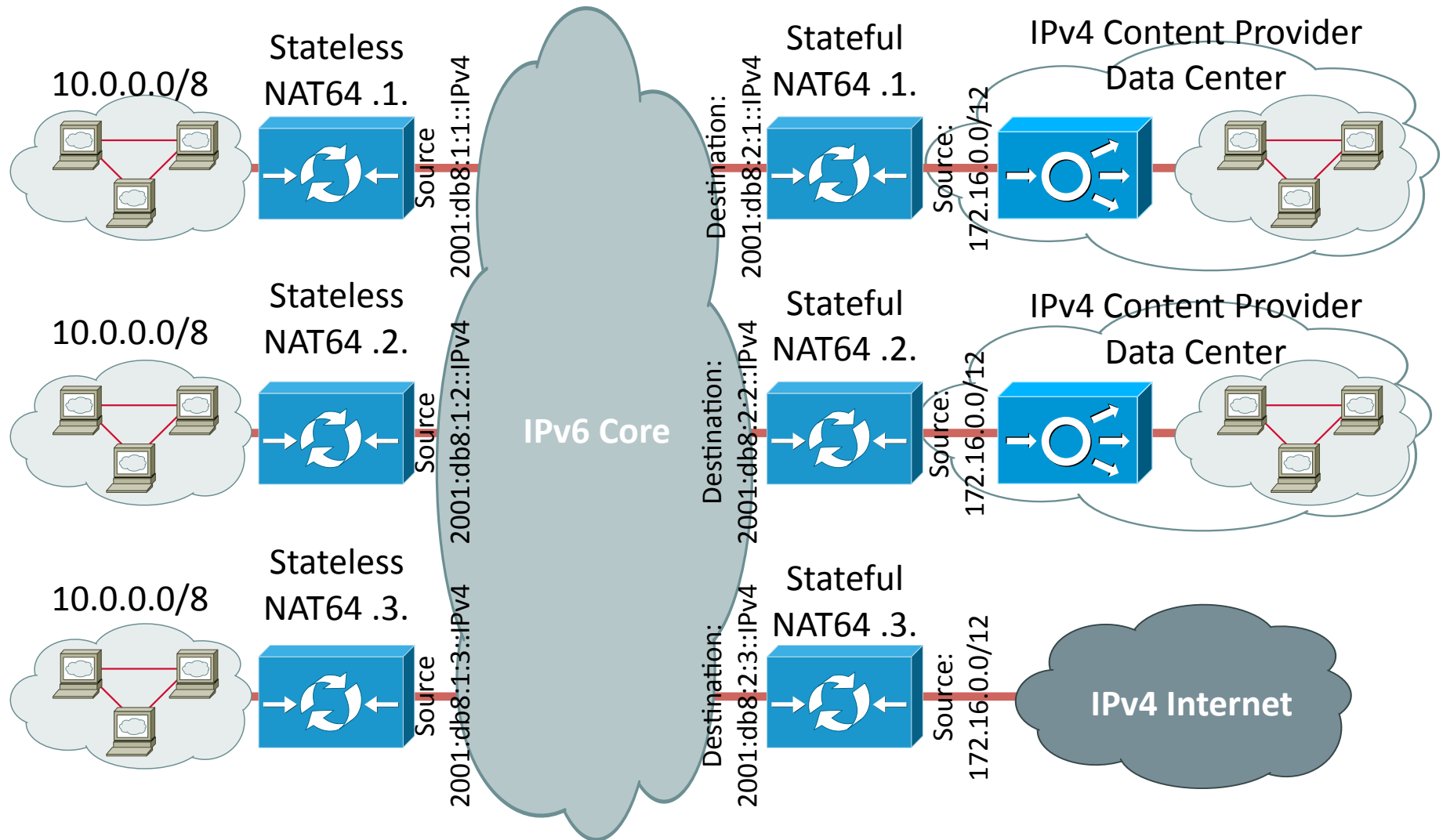
the Internet as *entertainment service*
instead of *GDP energizer*

New provider example

- A provider mentioned on nanog@nanog.org is starting from a miniscule IPv4 allocation
 - Net solution: he has to deploy an IPv6 network and carry IPv4 as an overlay or in translation
- That has issues for IPv4-only customers providing services
 - Global IPv4 address space will be expensive and potentially unavailable due to APNIC policy
 - Hence, customers will need to provide IPv6-capable applications from the start.
- This is an extreme case
 - For most providers, existing IPv4 resources will carry them in the near term



My nightmare: IPv4 Walled Garden



What's wrong with it:
 Regions with different addresses can talk
 Regions with overlapped addresses can't talk

