In Amazon, IPv6 is enabled and fully supported. Create a VPC with IPv6 (normally internal), and try the rules. IPv6 space will be persistent for the life of the VPC. AWS handles net/64 (256 networks/64) and more. All campuses currently support IPv6.

- can ask IPv6 to any VLAN — talk to networking.

- have to manually configure (no DHCP, auto doesn't work)
- change the firewall rules (can add IPv6 rules to the existing rules)
- do not point to DNS over IPv6.
- client config to IPv6 — make sure IPv6 can be moved
- ports in [ ]
- can assign IPv6 to a single server (then assign static addresses to your containers)
- to bridge between IPv4 and IPv6, you can use NAT64 (pointing at a set of IPv6 addresses that map back to IPv4 addresses)
- AD on the internet on IPv6-only, but need a certificate of IPSEC.
- let your container orchestrator assign the addresses.
- Stanford names will not be exposed in AWS, GCP, etc.