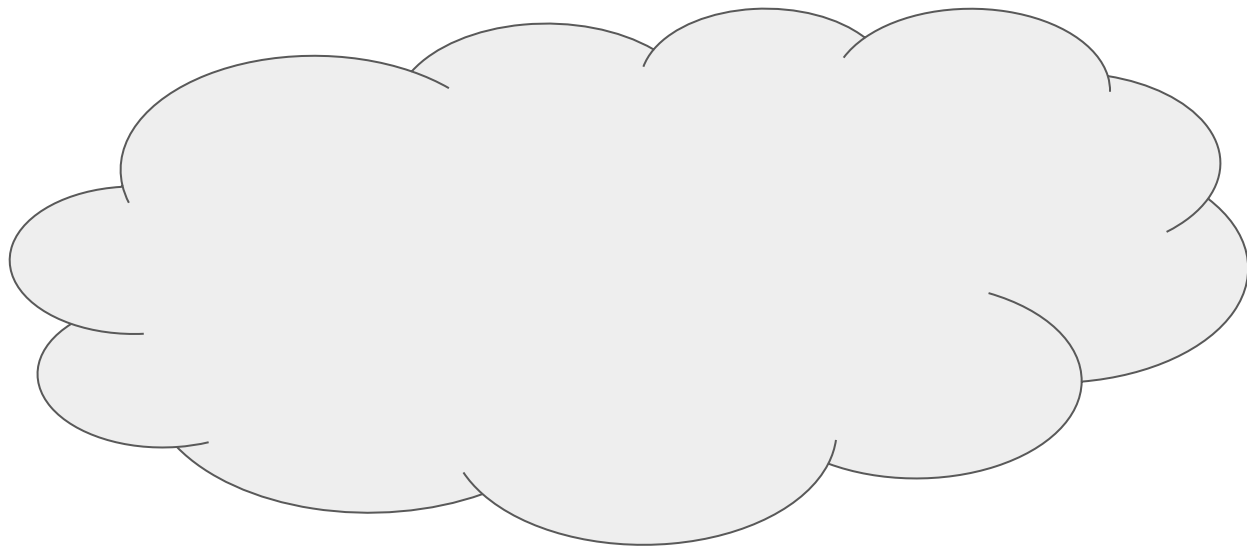
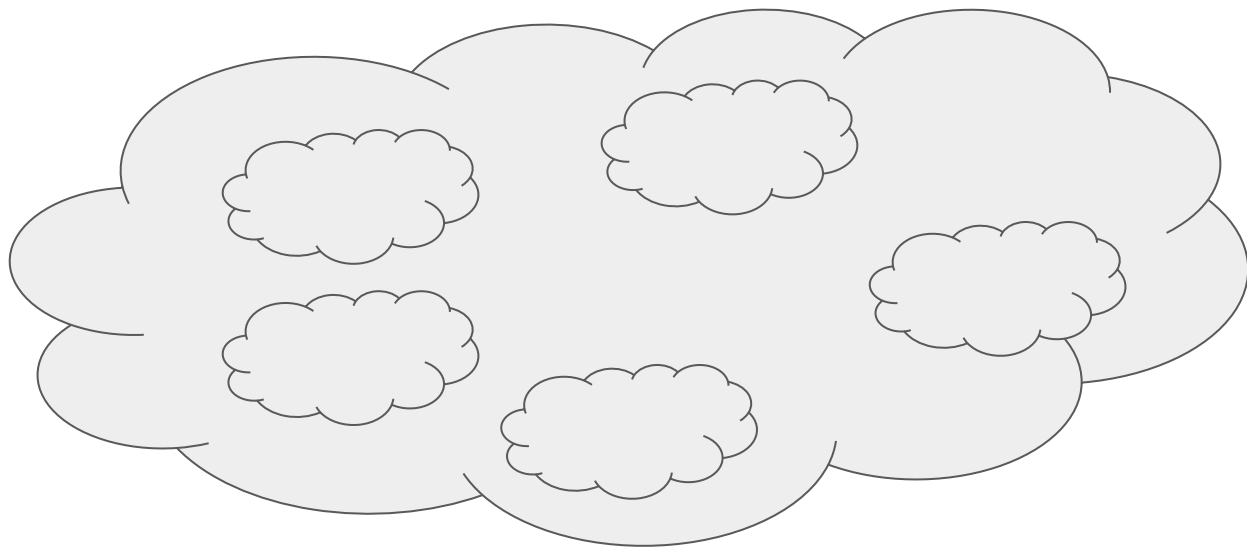




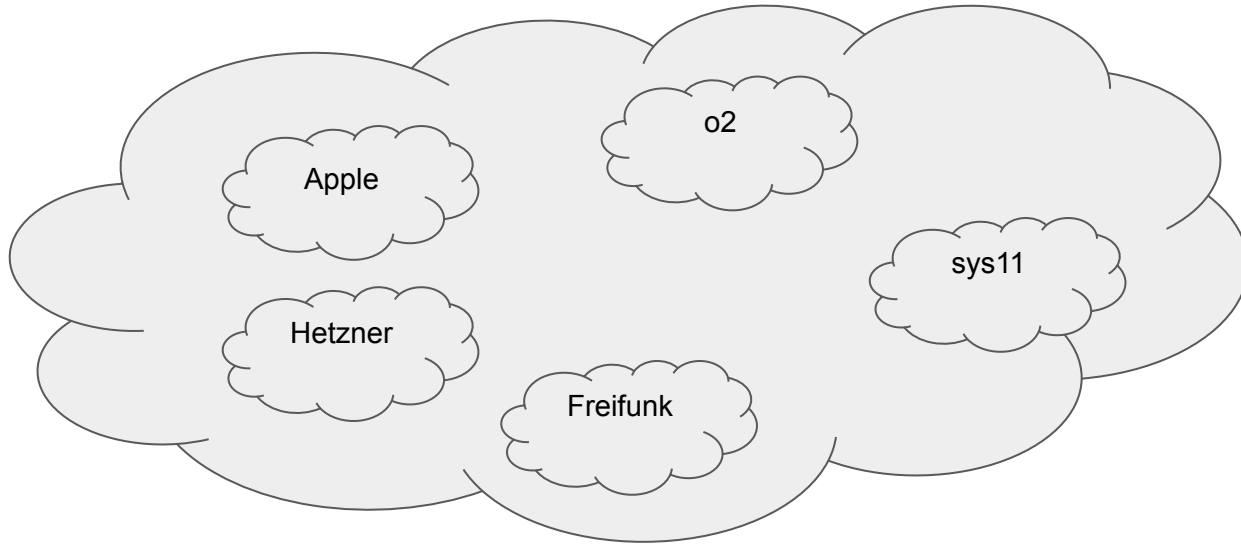
# Internet



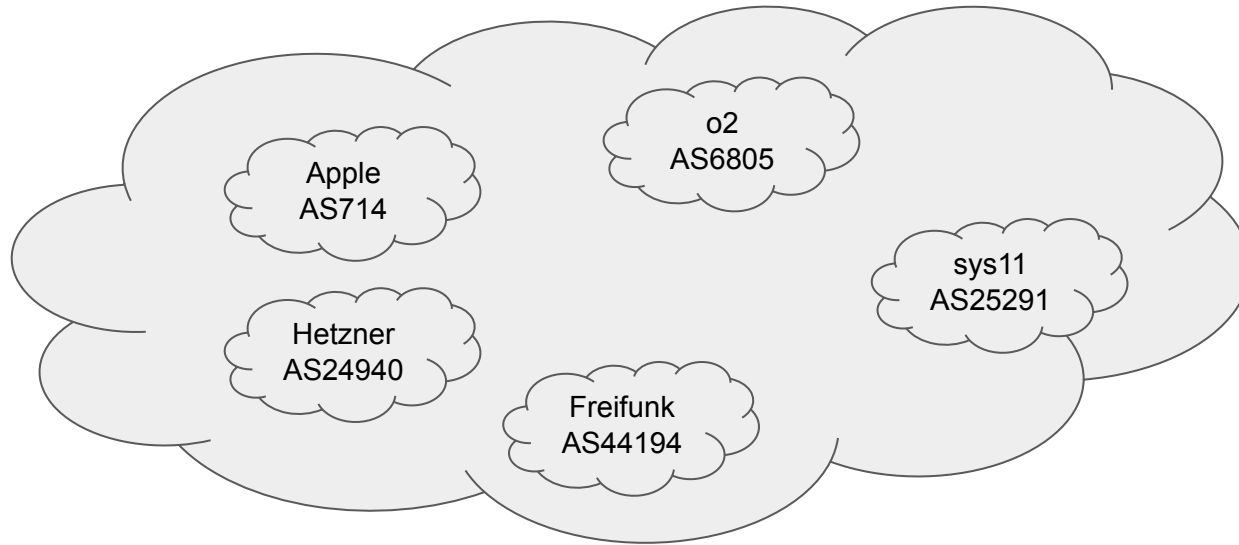
# Inter-net



# Inter-net



# Inter-net




# AS44194

- 77.87.48.0/21
- 2001:bf7::/32
- 2\* Standorte
  - AK36 / Speedbone
  - L105 / IPB
  - \* (strom, ohlauer etc)
- Peering am BCIX
- Peering und Transit am Community-ix
- Transit via inter.link / sys11
- ~ average 100Mbit/s traffic

freifunk.net

EXPORT

Organization	freifunk.net
Also Known As	
Long Name	
Company Website	http://freifunk.net
ASN	44194
IRR as-set/route-set	AS-FREIFUNK-BERLIN
Route Server URL	
Looking Glass URL	
Network Types	Non-Profit
IPv4 Prefixes	10
IPv6 Prefixes	20
Traffic Levels	100-1000Mbps
Traffic Ratios	Balanced
Geographic Scope	Europe
Protocols Supported	Unicast IPv4 Multicast IPv6 Never via route servers
Last Updated	2024-09-07T10:22:06Z
Public Peering Info Updated	2021-09-16T00:15:47Z
Peering Facility Info Updated	2024-09-07T10:19:28Z
Contact Info Updated	2024-09-07T10:19:02Z
Notes	
RIR Status	ok
RIR Status Updated	2024-06-26T04:47:55Z
	

Public Peering Exchange Points

Exchange AZ IPv4	ASN IPv6	Speed	RS Peer	BFD Su...
BCIX 193.178.185.82	44194 2001:7f8:19:1::aca2:2	10G		
Community-IX 185.1.74.13	44194 2001:7f8:a5::4:4194:1	10G		
Community-IX 185.1.74.14	44194 2001:7f8:a5::4:4194:2	1G		
Community-IX 185.1.74.23	44194 2001:7f8:a5::4:4194:3	10G		
MegaIX Berlin 194.9.117.77	44194 2001:7f8:8:5:0:aca2:0:1	10G		

Interconnection Facilities

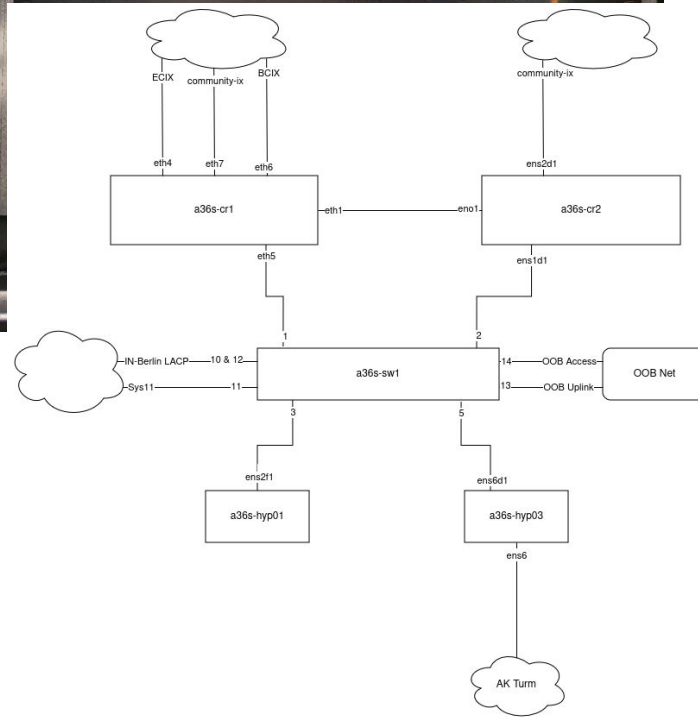
Facility AZ ASN	Country City
CarrierColo Berlin Luetzow (I/P/B/ site B) 44194	Germany Berlin
Speedbone Berlin 44194	Germany Berlin
Umspannwerk Berlin 44194	Germany Berlin

Peering Policy Information

Peering Policy	
General Policy	Open
Multiple Locations	Not Required
Ratio Requirement	No
Contract Requirement	Not Required
Health Check	

# AK

- 2 Hypervisor
  - ✨ Beide Debian 12 ✨
  - ✨ SSDs (danke lars) ✨
  - ✨ 10G ✨
  - ✨ mehr ram! ✨
- 2 Router
  - Beide Existieren
  - CR1 ist in benutzung
  - CR2 seit jahren "in planung"
- Vollständig 10G
  - Auch Link zum Turm



# IPB

- 1 Hypervisor der auch routed
- Link zu CIX
- Link aufs dach
- ✨ Debian 12 ✨





# Community-ix // In-berlin

- Peering
- Transit
- Privates VLAN
-

# Zukunft

- HA router am AK
- L105 upgrade
- Mehr direkte peerings
- AK und Lützow: ipv6 gateways
- I2 verbindung zwischen strom, ak und I105
-

# Neue Standorte

- Gerne!
- Weil:
  - redundanz
  - mehr verteilte infra
  -
- Idealerweise:
  - Community-iX vorhanden
  - 1-2 HE für uns
  - zugriff aufs dach
  -

# Ich will helfen!

- Backups
- viele Systeme sind vernachlässigt
  - Hopglass / OWM
  - downloadserver