

Welcome



Peering policy considerations

Andreas Diehl

Head of Wholesale Data & Infrastructure

Peering policy considerations

The presentation is not about



Peering policy considerations

„Peering“ Relations

1995-2005

International Provider Tier1

- Upstream to CH Tier 1 (no presence in CH)
- Zero-settlement or „Delta-peering agreements“
- No more zero-settlement agreements, only paid peerings

National Provider

- Zero-settlements with other national
- Upstream to Tier 2,3
- Paid peering with Tier 2,3

National Tier 2,3 Provider

- Upstream
- Mostly zero-settlement with other Tier 2,3 national and international
- paid peering with national Tier1 or international Providers

Peering policy considerations

Requirements examples

1. ... expects the Interconnection Candidate to have made a similar investment in operations, customer support, and network infrastructure as
2. The interconnect Candidate internet backbone would be expected to interconnect its network in at least ... International (European) markets.
3. The aggregate amount of peering traffic shall not exceed a ratio of
4. Each Internet Network must operate a fully functional 24x7 Network Operations Center.

Peering policy considerations

5. The requester shall provide transit services to a minimum number of Internet Networks (AS).
6. Must stick to security rules
7. Speed must be minimum ...
8. Traffic volume must be minimum ...
9. Rules of Traffic Announcement.

Peering policy considerations

Experience

Those are indicators but even if you fulfill all the criteria.

Don't expect that you get a zero-settlement peering !!!

Peering policy considerations

The real criteria ??

Traffic ratio

Type of the traffic

Type of the business

Business behavior

Hosted domains (Nielson report)

Number of users ?

Commercial (likes to sell)

Traffic flow

To be applied for all (treat equal !!!)

Thank you

