Traffic accounting: traditional and emerging trends for SPs

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Traffic accounting: traditional trends

- Security, triggering alarms
- Customer billing
- Historical trending
- Monitor customer quotas, fair-usage policies
- Monitor own QoS functionality
- Capacity planning, Traffic engineering
- Analyze internet peering & transit:
  - Ie. Monitor traffic ratios, monitor how much traffic is exchanged with whom, study how to reduce IP transit bill, detect revenue leaks, etc.

Traffic accounting: emerging trends

- In-depth analysis of peering & transit (BI):
    - Customer profitability
    - OTT caches behaviour
    - Peering traffic distance (ie. bit miles calculations)
- SDN:
    - Holistic view in a central controller can help increasing quality of routing decisions
- Mobile:
    - Increasing interest from mobile operators as their infrastructures get more and more into IP

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`Thanks for your attention! Questions?`

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