Reversed charging

Remco Poortinga

(poortinga@telin.nl)
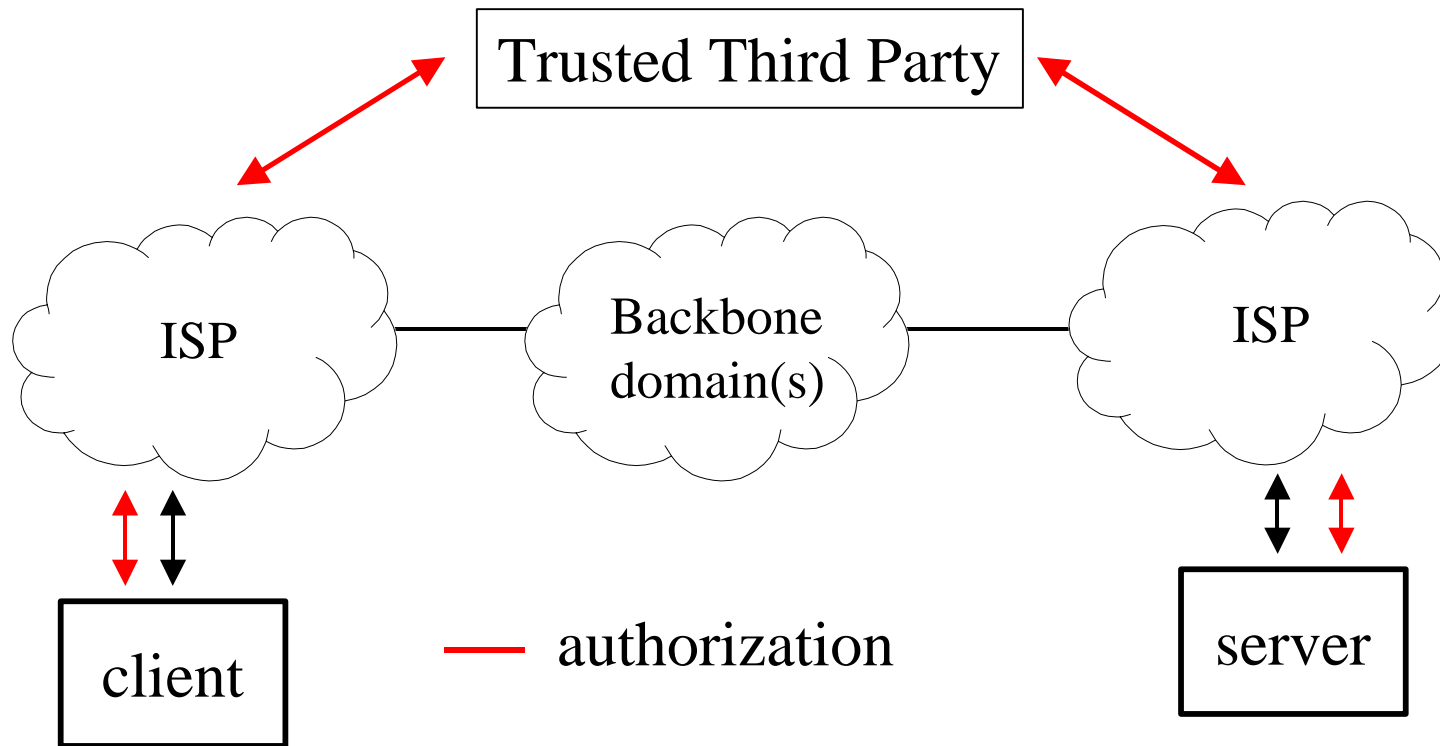
Bert-Jan van Beijnum

(beijnum@cs.utwente.nl)

Reverse Charging - What

- Current situation: ISPs charge local users for their access/traffic

- Reverse charging: ISPs can (indirectly?) charge remote users for their access/traffic

Why - Example

- Web-museum with virtual tour
  - content is free
  - transport to be paid by users

Reverse Charging - How

Trusted Third Party

ISP — Backbone domain(s) — ISP

client

—— authorization

server

Issues to look at

- Metering reverse charged traffic
- Authorizing reverse charged traffic
- Security
- Scalability
- Different pricing schemes at both ends
- How it connect to work of this RG