

Addressing the future of E.164/ENUM numbering

*Number Portability
For Fixed, Mobile, FMC and VoIP Networks
21st - 22nd March 2006, London*

User security and privacy

- Validation of subscriber identity, data, and NAPTRs (service-specific records)?
- How can number, name hijacking and fraud be prevented?
- Could prepaid mobile numbers, or pagers, be inserted? If so how will ownership be validated?
- WhoIs like DNS or Phone book?
- End-user information in NAPTR.
- Opt-In or Opt-Out? (If „Carrier ENUM“ no possibility to opt-out)
- DNSSEC: threat to privacy?

National ENUM structure

- Who should be responsible for policy framework (MoU, contract)?
- How should Tier 1 Registry be selected?
- Who can act as Registrar? Who can act as Nameserver provider?

Scope

- Should ENUM deal with geographic numbers, mobile (but what about pre-paid?), numbers directly assigned to end-user (private networks), national portable numbers, freephone numbers, value added services numbers?
- Should ENUM have to deal with Emergency services (112, 911...)?
- ENUM only number ranges for IP Communications (for nomadic users)?

What happens when E.164 and ENUM are incoherent?

- ENUM subscriber shall be the assignee of an E.164 number, but what happens when this is no longer true (TSP terminates the contract with customer)
- What happens if number ported? (Number Portability database \leftrightarrow ENUM Tier 1 Registry)