Services COIN association

- Number Portability
- M2M
- Broadband Switching
- Access
- CRDB Data export
- B-Number shielding
- Fraud covenant
Telephone number resolution

1. Query: +447777123456

2. Result: Voice, SIP, 447777123456@gateway.spdomain

3. Obtain IP address: 447777123456@gateway.spdomain

4. IP address: 212.43.25.107

5. Route session

CRDB

ENUM data via XML MQ

Address Resolution based on routing agreements & policy
# Examples of ENUM data

<table>
<thead>
<tr>
<th>Service</th>
<th>Serviced type component in query result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice – IMS</td>
<td>E2U+SIP plus SIP URI</td>
</tr>
<tr>
<td>Voice – Packet Voice interconnect (SIP-I)</td>
<td>E2U+PSTN:SIP plus SIP URI</td>
</tr>
<tr>
<td>Voice – TDM</td>
<td>E2U+PSTN:Tel plus Tel URI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Parameters (delegation illustration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Query:</td>
<td>E.164 number</td>
</tr>
<tr>
<td>Query result:</td>
<td>NameServer Address</td>
</tr>
</tbody>
</table>
Interfacing with registries

• Data available for registries:
  – NAPTR data,
  – NS data,
  – URI data.

• What plans for using option tags and standardisation of tags?

• What other ENUM services than TEL and SIP are expected?

• Status of the interface for registry provisioning?