IPv6 Management

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Provisioning

- Cable motto: If you can't provision it, don't build it…

- Two components:

  - DHCPv6 server

    - DHCPv6 solutions are getting there

      - Open source code under development (ISC)

      - Successful DHCPv6 bake-off held at RIPE-NCC on 3/14-3/16

  - Back office glue with billing system

    - Where the logic of the system is

    - The hard part to get right

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OSS Tools

- MIBs

  - Confusion between 'old' IPv4 & IPv6 MIBs
    and 'combined' IPv4/IPv6 MIBs:

    - Some only implement the 'old' MIBs, some only
      populate the IPv6 branch of the combined MIB…

    - Very little implementations of the TCP/UDP MIBs

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Missing Pieces?

- Load Balancers

- Content Delivery Networks

- Intrusion Detection & Friends

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