draft-rgaglian-v6ops-v6inixp

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IPv6 in IXP.

- based on Martin Lewy's survey, IPv6 has been deployed in some degree in a great deal of IXPs.

- challenges for this deployments included: switch config, addressing and additional services such as traffic analysis and reverse dns.

- There are new IXP every year, particularly 3 this year in LACNIC region.

What is in the document?

- A guide for IPv6 deployment in IXP.

- Includes:

  - VLAN configuration: Independent VLAN or Dual Stack.

  - Addressing Plan (shows four examples).

  - Reverse DNS.

  - Route Server Config.

  - Internal and External Services.

  - IXP Policies and IPv6.

  - Multicast IPv6.

why writing this doc?

- request received from IXP in the LACNIC region for guidance in this issue.

- the ietf v6ops WG has or is working in documents for: cellular networks, 802.16 networks, Broadband networks and CPE equipments. why not an IPv6 in IXP document?

changes from 00 to 01.

- the original doc. was based on an internal document and included several non-technical language.

- mention that is focusing only in ethernet IXPs.

- corrected typo in some addresses.

pending changes:

- PAIX sent me another addressing scheme that they use.

- Language changes (ASN Number).

Activities off the IETF:

- Document discussed with EURO-IX members.

- Feedback from IXP admin and members at NANOG 45 and APRICOT 2009.

Question.

- Should it become a WG item?