

IETF v6ops Activity

RIPE60, Prague

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What's up in v6ops?

- This is far from all I-D's in v6ops
- I didn't leave *your* draft out on purpose
- I just picked some of the more operationally relevant
 - And "controversial"
- Oh - and we welcome more operator input to the discussions in v6ops!

draft-ietf-v6ops-v6inixp-05

- Documents some practices on IPv6 deployments in IXPs
- About to be sent to IESG for evaluation
- Switchfabric
- Addressing plans
- Multicast on an IXP
- Route-server

draft-ietf-v6ops-cpe-simple-security-11

- Gives recommendations on security capabilities that CPEs should support
- Not a standard - a recommendation
- Controversy / Discussion regarding if the recommendation should be defaults (as shipped) or not
- Pro: End-users have little knowledge of filtering and needs to be protected
- Cons: The promise of IPv6 is the restoration of end-to-end

draft-ietf-v6ops-ipv6-cpe-router-04

- Describes basics features of a IPv6 CE router
 - Functionality and provisioning of both edge network and CE router
- Provisioning for LAN & WAN side and devices on LAN + CE router
 - Using either SLAAC or DHCPv6 on LAN
 - SLAAC, PPP etc on WAN
 - Must support DHCPv6-PD

draft-ietf-v6ops-isp- scenarios-00

- Describes a survey of ISP deployment (or plans) for IPv6
 - <http://www.ietf.org/proceedings/10mar/slides/v6ops-o.pdf>
- 31 responses of varying size, 65% of responses was from Europe
- 42% of responses already offer IPv6 services
- Does not make conclusions or recommendations, simply presents current status on some options

draft-arkko-ipv6-transition-guidelines-01.txt

- Describes various scenarios for deploying IPv6 in (ISP) networks
- Gives recommendations on considerations on which deployment model to choose
- Gives examples on common deployment scenarios
- Can be seen as an updated RFC4029

draft-ietf-v6ops-v6-in-mobile-networks-00

- Describes possible IPv6 deployments or related technologies in 3G/4G networks
- Does not imply any standards, just highlight various deployment cases / scenarios
- NAT₄₄ impact/ NAT₆₄, Dual-stack and IPv6 only deployment
- Relations to the various components of the 3gPP architecture

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