

Enterprise Incremental IPv6

draft-ietf-v6ops-enterprise-incremental-ipv6
IETF87 Berlin

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Enterprise Incremental IPv6

- Guidance and considerations for Enterprises seeking to enable IPv6
- Phased approach
 - Preparation and Assessment Phase
 - External Phase
 - Internal Phase
 - IPv6 Only

IETF86 Orlando Input

- Updates include comments/feedback from IETF86 (Orlando)
- Key areas of discussion:
 - Varying OS behavior when processing RAs in the presence of the M-bit
 - DNS updates
 - ULAs

Updates

- DHCPv6 and the M-Bit
 - Additional text pointing out that not all operating systems exhibit the same behavior when processing RAs with the M-Bit set.
 - Added link to [draft-liu-bonica-dhcpv6-slaac-problem](#)
- DNS Updates in Enterprise Networks
 - Added text describing considerations for DNS updates

Updates

- ULA/NPTv6
 - Added pointer to draft-ietf-v6ops-ula-usage-recommendations
 - Text noting additional consideration and thought needed when using ULAs, especially in multiple address scenarios
 - Added text to point out that if using ULAs in a ULA-only deployment model, instead of using them in conjunction with GUAs for hosts, Network Prefix Translation will be needed
 - Added text that the use of PI space obviates the need for using ULAs just in order to achieve multihoming

Summary

– Feedback ?

– WGLC ?