

Motivations for Stateless IPv4 over IPv6 Migration Solutions

draft-operators-softwire-stateless-4v6-motivation-02

IETF 81-Quebec, July 2011

M. Boucadair (Ed.), S.
Matsushima, Y. Lee, O. Bonness,
I. Borges and G. Chen

Context Reminder

- IETF#80
 - ADs requested an I-D elaborating on the motivations for the need to specify stateless IPv4/IPv6 solutions
 - ADs promised to update the charter by including a milestone for the motivations document
- After IETF#80
 - A group of operators worked together and edited -00 and -01 version of draft-operators-software-stateless-
 - France Telecom, Softbank Telecom, Comcast, Deutsche Telekom and Portugal Telecom
 - China Mobile joined the operators group leading to the release of -02 of draft-operators-software-stateless-
 - The document has been largely reviewed: X. Deng, W. Dec, D. Wing, A. Baudot, E. Burgey, L. Cittadini, R. Despres, J. Zorz, M. Townsley, L. Meillarec, R. Maglione, J. Queiroz, C. Xie, X. Li, O. Troan, J. Qin and B. Sarikaya
 - The charter of Sofwire WG has been updated with a dedicated milestone for the motivations document
 - Authors of draft-operators-software-stateless-* ask the WG to adopt this document as WG item
- IETF#81
 - イマココ (We are now here)

Document Rationale

- Avoid as much as possible biased analysis
- Motivations are sketched from an operator standpoint, with a focus on the following dimensions
 - Network Architecture & Planning
 - Network Operations & Maintenance
 - Network & Service Evolution
 - CAPEX Optimization opportunities

Status & Next Steps

- All received comments have been covered
- Adopt this document as a WG I-D