

Multiple Interfaces (MIF) Problem Statement

draft-ietf-mif-problem-statement-01

MIF wg
IETF 76, Hiroshima

Pierrick Siete, Orange
pierrick.seite@orange-ftgroup.com

Marc Blanchet, Viagenie
marc.blanchet@viagenie.ca

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Context

- draft-blanchet-mif-problem-statement-01
 - presented IETF 75 Stockholm
- Draft now wg doc: draft-ietf-mif-problem-statement-01
- Co-editor (Pierrick Seite) did all the work since Stockholm

Changes since Stockholm

(from draft-blanchet-mif-problem-statement-01
to draft-ietf-mif-problem-statement-01)

Provisioning Domain

- Use the concept of provisioning domain instead of interface: revision of the abstract, introduction, definition of a MIF host, problems, summary,...

Definition

- Revision of the definition of a MIF host according to IETF75 discussion:
 - concept of interface replaced by provisioning domain
 - The IP addresses come from more than one administrative domains.
- Instead of:
 - The IP addresses come from _one_ or more than one administrative domains.

Definition (cont.)

- added new statement: Communications using these IP addresses may be tied on all the possible provisioning domains, or, at least, on a limited number of provisioning domains.
- Question: This last statement summarizes (from the problem statement high level perspective) scenarios from the section 3 of draft-williams. Is it clear enough or do we need a dedicated section to clarify the statement (only 2 opinions in favour of a dedicated section sent in the ML) 6

New Examples

- Added new examples of DNS resolution issues (input from Teemu Savolainen):
 - issues with resolution of a FQDN to a private address.
 - issue when using DNS64

Authors

- Section authors added:
 - The draft is a joint effort with authors of the various MIF requirements drafts. Authors are: Marc Blanchet, Jacqni Qin, Pierrick, Seite, Carl Williams and Peny Yang.

Conclusion

- Problem statement done?

Questions?

Marc Blanchet

marc.blanchet@viagenie.ca

Pierrick Seite

pierrick.seite@orange-ftgroup.com

Document:

- [draft-ietf-mif-problem-statement-01.txt](#)