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, Viagénie
marc.blanchet@viagenie.ca

2009-11-09
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)
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