Multiple Interfaces (MIF) Problem Statement - Updates

draft-ietf-mif-problem-statement-02

MIF WG

IETF 77, Anaheim

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2010-22-03
unrestricted
Document history

- draft-blanchet-mif-problem-statement-01
  - presented at IETF 75 (Stockholm)

- Accepted as a WG document
  - draft-ietf-mif-problem-statement-01 presented at IETF76 (Hiroshima)

- Updated as: draft-ietf-mif-problem-statement-02
Updates since IETF 76

- Document addresses issues raised up during last IETF
- Added some clarifications
- Made editorial corrections
Issues resolution

- Ticket#3: add discussion on API/connection manager
  - Section 3.6 (Socket API) introduces the concept of connection manager dealing with resolution of MIF issues (e.g. domain selection) on behalf to applications.
  - Stress the need for harmonization in the behaviour of API accross different OS and platforms
  - Bullet added to the list of problems (section 5)

- Ticket#4: add reference to GROBJ
  - Done in section 3.5 (Finding and Sharing IP Addresses with Peers): referrals must provide consistent information depending on which provisioning domain is used
  - Bullet added to the list of problems (section 5)
Clarifications

- Rearrange section 5 (Problems) as per document: MIF current practices analysis
  - Bring more consistency between MIF documents and increase readability of PS
  - Problems are divided into 5 categories 1) Configuration 2) DNS resolution 3) Routing 4) Address selection and 5) connexion management

- Add reference to draft-ietf-shim6-multihome-shim-api-13
  - This I.D. defines a socket API enabling interactions between applications and the multihoming shim layer for advanced management operations
  - Resolution of MIF issues can also leverage on high-level API
Conclusion

- The document is now stable

- WGLC on progress
  - We need more reviews