

Multiple Interfaces (MIF) Problem Statement - Updates

draft-ietf-mif-problem-statement-02

MIF WG

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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