iFCP Status

Charles Monia

Nishan Systems

iFCP Revision 8/9 Changes

- Revision 8 -- Technical changes to address review issues.

- Revision 9 -- Editorial fixes

- Except for anticipated security changes, spec is ready for WG last call consideration

Technical Changes (1)

- iFCP Network Model
  - iFCP fabric types based on addressing mode.
    - Editorial Change, no new functionality
      - "Bounded iFCP fabric" -- Set of gateways interoperating in address transparent mode
      - "Unbounded iFCP fabric" -- Set of gateways interoperating in address translation mode
  - Added address translation requirements

Technical Changes (2)

- NA(P)T Support
  - Revised definition of N_PORT network address to include TCP port number.
- Support for stale frame detection now mandatory
- Added FC-4 link service support
- Redesigned broadcast architecture

Technical Changes (3)

- Added "liveness test" message
  - Maintain connectivity through stateful intermediate boxes
    - e.g., firewalls, NA(P)Ts.
  - End-to-end test of the gateway protocol stack.
  - Check the health of low duty-cycle iFCP sessions.

Technical Changes (4)

- Security
  - Updated to IPS v7 security spec
  - Added certificate requirements

- QoS
  - Deleted references to "SLA"

Documents

- Spec
  - http://www.ietf.org/internet-drafts/draft-ietf-ips-ifcp-09.txt
  - http://www.ietf.org/internet-drafts/draft-ietf-ips-ifcp-09.pdf
- Release notes
  - ftp://ftp.t11.org/t11/docs/02-028v1.pdf