

ForCES Design Team
<draft-forces-requirements-01>

IETF-52

Dec 2001

Team members

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Changes from -00

- Tightened definitions
- Resolved open issues

Issue – Pre-association Phase Protocol

- Pre-association Phase Protocol
 - Definition tightened so that establishment of communication is post- association
 - Amplified discussion of function of FE and CE manager

Issue - Multiple CEs

- Definition of NE expanded to include possibility of multiple CEs
- CE-CE communication out of scope for ForCES protocol

Issue - FE Model

- Must express the logical packet processing capabilities of a FE
 - High Level Model – Ordered set of function available in FE
 - Lower-level model – Capabilities of each function in high level model. 5 varieties:
 - classification, action, parameterization, statistic, and events.
- Minimal set of logical functions model must support defined

Issue - Management

- Requirement that a NE appear as a single functional entity
- -acceptance that external management may have access to FE and CE for monitoring and in transitioning from pre to post association

Issues – Transport Protocol

- For IP networks, an encapsulation of the ForCES protocol SHALL be defined that uses a [RFC2914]-compliant transport protocol
- Protocol assumed to run over unreliable datagram service
- ForCES protocol must provide internal support for reliability

Next Step?

- Design Team has finished its work on the requirements.
- Request WG last call for Requirements document