FORMALIZING SHIM6
AN IETF PROPOSED INTERNET STANDARD IN UPPAAL

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Revealed incorrectness upon receiving payload in I2-SENT or I2BIS-SENT.
Revealed possible deadlock with optional retransmitting I2 / I2bis messages.
Clarified confusion about responder nonce.

Current multihoming practices (IPv4) impose

No formal methods have been applied to the

A technique to increase the reliability of a

Features redundancy, load sharing, performance and policy.
Current multihoming practices (IPv4) impose a threat on address and routing scalability.

SHIM6 is a proposal by the IETF to provide

Will be incorporated in new IETF proposal.

Acknowledged by SHIM6 draft authors.
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Further Information

SHIM6:
http://www.shim6.org
http://tools.ietf.org/wg/shim6/
http://www.ietf.org/html.charters/shim6-charter.html

UPPAAAL:
http://www.uppaal.com