

draft-ietf-mip4-generic-notification-message-08.txt

What's it good for?

IESG Comments

- "There are plenty of usage scenarios listed in Section 3. But the document is very short of examples of what the notification might be used for (just a little in Section 5). I don't see any I-Ds in the working group proposing uses of this extension, and there is nothing referenced from this I-D. Are you sure that you haven't invented a protocol mechanism without any specific requirements? Will you be cluttering the protocol implementations with support for messages that will never be used? I note that the protocol write-up does not mention any implementations or plans for implementation."
- "This is turning MIP into a reliable signaling protocol, which I think is a bad idea. I also don't understand how RFC3115 and RFC4917 aren't sufficient already."

IESG Comments (cont)

- "I'd like to see more motivation for the notification message and more fleshed out examples so we can judge the utility of the messages as well as the efficacy and correctness of the protocol."
- "This protocol defines a semantic free messaging protocol. The problem with this is the semantics are derived from the payloads that it carries. This will result in several issues. 1) Lack of Interoperability: Different vendors will do different things. There is [no] way for one vendor to find out what other vendors extensions or how they work as there is no requirement to register them in a standardized way. 2) Inappropriateness: Many of the things vendors do will not be an appropriate use of mip4. 3) Incorrectness: Many of the extensions will suffer from errors, security problems, race conditions, and other problems. This happens due to lack of review of payloads and constraints implied by the transport."
- "The[y] also wonder what the motivation for this generic mechanism is. Especially why does it need to be generic? "

Background

- RFC 3543 (Registration Revocation)
 - Could have used a generic mechanism
 - For expediency, we didn't do this

Way Forward

- Section 5 of the draft briefly mentions some uses
 - Should we attempt to collect/enumerate more?
 - Should we have some separate drafts that make use of generic-notification?