

IETF 80 Prague DISPATCH WG

draft-jesske-dispatch-update3326-reason-responses-01

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Past Approach

After IETF 76 a split of requirements and procedures was done

- draft-jesske-dispatch-reason-in-responses-03.txt
- draft-jesske-dispatch-req-reason-in-responses-02.txt

Drafts describe to use the Reason Header in SIP responses to transport Q.850 ISUP Causes.

Post IETF 76 discussion

1. That encapsulation needs an implementation of SIP-T or at least the syntax for the MIME and the Q.850 cause while the Reason header is already defined within RFC3326.
2. That translation regarding RFC3398 can not guarantee a proper mapping that results in proper announcements which are needed in a hybrid SIP/POTS/PSTN network.
3. Also in PSTN-SIP-PSTN scenarios (not using SIP-T) will end up in wrong Q.850 Cause Codes at the PSTN end

Conclusions

Working group mailing list discussion as to whether the individual draft describing the procedures of the SIP encapsulating the Q.850 response values in Reason header was the objective or whether the primary requirement was for the basic protocol support for Reason header in responses.

Working group conclusion on email list was that an UPDATE to RFC3326 fulfills the requirements - addresses a gap/inconsistencies in RFC3326

[draft-jesske-dispatch-update3326-reason-responses-01](https://datatracker.ietf.org/doc/draft-jesske-dispatch-update3326-reason-responses-01) was submitted.

After discussion comments have been resolved - Version 02 is in the queue.

Original text RFC 3326:

The Reason header field MAY appear in any request within a dialog, in any CANCEL request **and in any response whose status code explicitly allows the presence of this header.**

Updated Text for RFC3326

The Reason header field only containing a Q.850 Cause Code MAY appear in any request within a dialog, in any CANCEL request . The appearance of the Reason header field only containing a Q.850 Cause Code is applicable to final responses 3xx, 4xx, 5xx and 6xx and 18x and 199 [I-D.ietf-sipcore-199]. The Reason header field containing any other reason value MAY appear in any request within a dialog, in any CANCEL request and in any response whose status code explicitly allows the presence of this header field.

Questions / Comments

Next Steps