draft-pwouters-ipsecme-delete-info

 Request from customers to send and receive a signal about why an IPsec connection is going down

DELETE_REASON Notify Status Message Payload

1	2	3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	0 1
+-+	+	+
! Next Payload !C! RESERVED	! Payload Length	!
+	+	+
! Protocol ID ! SPI Size	! Notify Message Type	!
+++	+	+
! Downtime	!	!
+	+ Reason Message	~
~		!
+	+	+

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- Is the two octet "seconds" useful or over-engineered?
- Free form text or IANA registry with "reasons" ?
 - Why not both?
- Currently listed example reasons:
 - SERVICE_SHUTDOWN, SERVICE_RESTART
 - HOST_SHUTDOWN, HOST_RESTART
 - CONFIGURATION_CHILD_REMOVED
 - CONFIGURATION_IKE_REMOVED
 - ADMINISTRATIVELY_DOWN
 - IDLE_TIMEOUT
 - INITIAL_CONTACT_REPLACED
 - SIMULTANEOUS_REKEY
 - RE_AUTHENTICATED
 - REDIRECTION_ACCEPTED
 - LIFETIME_EXCEEDED