

SIEVE Mail Filtering WG

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WG Chairs: Cyrus Daboo, Alexey Melnikov

Mailing List: <<mailto:ietf-mta-filters@imc.org>>

Jabber: [sieve@jabber.ietf.org](jabber: sieve@jabber.ietf.org)

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Agenda

- Document status review (10 mins)
- WG Status review (10 mins)
- Mime Loops (draft-ietf-sieve-mime-loop-08) (15 mins)
- Notary (draft-freed-sieve-notary-04) (10 mins)
- Notify SIP (draft-ietf-sieve-notify-sip-message-01) (10 mins)
- SIEVE in XML (draft-freed-sieve-in-xml-03) (15 mins)
- Include (draft-daboo-sieve-include-06) (15 mins)
- RegEx Discussion (15 mins)
- EAI Issue (10 mins)
- Benefits of SIEVE (10 mins)

- Total: 120 mins

Document Status

- Published!!
 - 5429 (Reject)
 - 5435 (Notify)
 - 5436 (Notify mailto)
 - 5437 (Notify xmpp)
 - 5473 (iHave)
- RFC Editor Queue:
 - ManageSIEVE
 - IMAPEXT-METADATA
- IESG processing:
 - MIME Loops
- Others:
 - Will talk about shortly...

Working Group Status

- Since Last Time:
 - Completed a number of specs
 - IESG Last Calls on ManageSIEVE, MIME Loops
 - WGLC on draft-ietf-sieve-notify-sip-message
 - WGLC on draft-freed-sieve-in-xml-02
 - Started work on include
- Still need action on:
 - RegEx
 - External Lists
 - EAI Issues
 - Benefits of SIEVE
 - Test scripts
- Alexey is the new Applications Area AD, therefore we seek volunteers to co-chair SIEVE.

MIME Loops #1

- Current: draft-ietf-sieve-mime-loop-08
- IESG Last Call done in December
- GenART done - minor comments to address
- SecDir done - one typo to fix
- One comment needs to be addressed:

Section 5 defines a "Original-From" header field which can be used when the entire message is replaced. The "From" header in an Internet mail message denotes the author of the message. The draft doesn't offer any rationale for the author change. Can you clarify why that change is needed?

MIME Loops #2

First and foremost, although the specifications provides a means to access content-type and content-disposition parameters via :param, nowhere does it discuss handling of RFC 2231 encoding and segmentation, e.g.,

Content-Type: application/x-stuff

title*0*=us-ascii'en'This%20is%20even%20more%20

title*1*=%2A%2A%2Afun%2A%2A%2A%20

title*2*="isn't it!"

A couple of years ago this would not have been a big deal, but now that Thunderbird routinely produces RFC2231-encoded content-disposition parameters there's a significant need to be able to handle them. I therefore suggest that text be added saying implementations **SHOULD** support desegmentation, decoding, and charset translation of parameter values encoded according to RFC 2231.

MIME Loops #3

A closely related issue is the handling of RFC 2047 encoded-words in parameter values. RFC 2047 actually forbids such usage, but it is nevertheless quite popular. I think the right thing to do here is say implementations *MAY* decode RFC 2047 encoded words in parameter values even though they aren't supposed to be used in such contexts.

MIME Loops #4

The specification is a little unclear on the handling of content-disposition fields as opposed to content-type fields. The syntax of the two is similar but not identical - CD lacks the "/ subtype" part CT has. I think some clarification is in order here - we should be explicit that when dealing with CD fields:

- (1) :type returns the disposition value
- (2) :subtype is blank
- (3) :contenttype is the same as ":type"
- (4) :param is the same as with CT

MIME Loops #5

Finally, an issue that comes in pretty much every Sieve extension that defines a new or alters an existing test is how it interacts with the relational extension's `:count` facility. I opted for the following semantics:

- (1) `:type`, `:subtype` and `:contenttype` return a count of the number of headers that parsed successfully.
- (2) `:params` return a count of the number of parameters with the given name that were found.

MIME Loops #6

In section 12.2, it says that "mime" adds :mime and :anychild. This is correct but incomplete - it also adds :type, :subtype, :contenttype, and :param to the header test.

The examples in sections 9.1 and 9.2 are incorrect.

More specifically, they have a tagged argument (:matches) appearing after a positional argument. According to RFC 5228 section 2.6.2, this is not allowed.

Notary

- New draft available: draft-freed-sieve-notary-04.txt
- Addresses all comments from prior WGLC
- Ready to send to IESG?

Notify SIP #1

- draft-ietf-sieve-notify-sip-message-00.txt
- Recent changes:
 - Require inclusion of the “method” SIP URI parameter and allow future extension to use SIP methods other than MESSAGE
 - Previous version only allowed for use of the MESSAGE SIP method and the “method” URI parameter was ignored
 - Convert value of the :from tag to From header field, instead of Reply-To header field
 - The notification generation timestamp is now conveyed in the Date header field
 - Was in the body of the message

Notify SIP #2

- Currently value of the :message tag is converted to the text/plain body part of the SIP notification message. Should it be more structured?
 - E.g. application/sieve-notification+xml
- Need more details on determining if the notification recipient is online and also the corresponding Security Considerations text
- Duplicate timestamp in the notification message body?
 - Eric Burger said that many SIP stacks strip SIP headers before passing the rest to applications
- Use SIP PUBLISH/SUBSCRIBE instead of MESSAGE?

XML Representation of SIEVE

- Defines an XML representation for Sieve scripts
- Intended to facilitate manipulation of Sieve using XML tools, not intended to replace existing representation
- XML and Relax NG schemata provided
- Sample stylesheet given to convert from XML to traditional sieve

XML: Recent Changes

- Relax NG grammar added
- Schemata now allow material in other namespaces
- Corrected stylesheet handling of comments
- Better specification of structured comment convention
- Clarified that code reuse is allowed

XML: Status

- WGLC Done
- Many comments received and replied to
- Awaiting new draft
- XML Directorate Review?

Include

- Refresh of former Include spec done: draft-daboo-sieve-include-06
- Aaron is primary author
- Is this the approach people want to take?
- How about the multiscript behavior published as a different draft a while back?

RegEx

- Need to pick up work on this again.
- Key Issues:
 - What RegEx syntax to use?
 - How to deal with i18n issues?
 - Interaction with others specs (e.g. variables)?
 - Security concerns?

EAI

- Anything in latest EAI work we need to be aware of?
- Any impact from latest IDNAbis work?
- Do we really need a draft on SIEVE EAI?

Benefits of SIEVE

- Call for volunteers to start work on this.

Any Other Business?