IANA registry for Sieve actions

Abstract

This document creates a registry of Sieve (RFC 5228) actions in
order to help developers and Sieve extension writers track
interactions between different extensions.

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1. Introduction

Sieve Email Filtering Language [RFC5228] is a popular email
filtering language used upon final mail delivery. Popularity of
Sieve resulted in a myriad of Sieve extensions that can interact
with each other in wonderful and complex ways. There is currently no
easy way to find out all actions defined by Sieve extensions
published in RFCs, which make it quite difficult for Sieve extension
writers and Sieve implementation developers to forsee interactions
between Sieve actions.

This document creates a registry of Sieve [RFC5228] actions in order
to help developers and Sieve extension writers track interactions
between different extensions.

2. Conventions Used in This Document

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT",
"SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and
"OPTIONAL" in this document are to be interpreted as described in
BCP 14 [RFC2119] [RFC8174] when, and only when, they appear in all
capitals, as shown here.

3. IANA Considerations

IANA is requested to create a new registry for Sieve actions (see
Section 2.9 of [RFC5228] for details on Sieve actions). Registration
of both actions specified in IETF Stream RFCs and vendor specific
actions is allowed and encouraged. The registration template
contains 1) name of the action; 2) short description; 3) references:
one or more documents describing the action and any significant
updates to its definition (this field is REQUIRED for actions
described in RFCs and OPTIONAL otherwise); 4) name(s) of Sieve
capabilit(ies) associated with the Sieve action being registered; 5)
interactions with other Sieve actions, if any; 6) flag specifying
whether the action cancels the implicit keep (see Section 2.10.2 of
[RFC5228]); 7) whether or not this action can be used with IMAP
events in Sieve ([RFC6785]), and 8) optional comment.

Registration procedure for this registry is Expert Review. The
Designated Expert only checks that the name of the action being
registered matches documentation, that the description field is
accurate, that the correct documents are referenced and that the
list of relevant documents is as complete as possible. The
Designated Expert can't reject a registration based on personal
dislike of the document defining an action and should always err on
the side of registering, even if documentation is not complete.

Addition of a new reference to an existing registration or change to
the description field goes through the same registration procedure
as a new registration.

4. Security Considerations

The sole purpose of this document is to create a new IANA registry,
so it doesn't create new security considerations for Sieve
implementations.

The new registry should help Sieve extension writers and Sieve
implementors track interactions between different Sieve actions, so
it might improve quality of specifications and implementations,
including security aspects.

5. Normative References

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Appendix A. Acknowledgements

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