

Network Working Group
Internet-Draft
Updates: [5228](#) (if approved)
Intended status: Standards Track
Expires: January 12, 2022

A. Melnikov
Isode Ltd
July 11, 2021

IANA registry for Sieve actions
draft-melnikov-extra-sieve-action-registry-01

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.

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of [BCP 78](#) and [BCP 79](#).

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <https://datatracker.ietf.org/drafts/current/>.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on January 12, 2022.

Copyright Notice

Copyright (c) 2021 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to [BCP 78](#) and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

Table of Contents

1.	Introduction	2
2.	IANA Considerations	2
3.	Security Considerations	3
4.	Normative References	3
Appendix A.	Acknowledgements	4
	Author's Address	4

[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 foresee 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.](#) 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 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 or change to the description field goes through the same registration procedure as a new registration.

3. 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.

4. Normative References

- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", [BCP 14](#), [RFC 2119](#), DOI 10.17487/RFC2119, March 1997, <<https://www.rfc-editor.org/info/rfc2119>>.
- [RFC5228] Guenther, P., Ed. and T. Showalter, Ed., "Sieve: An Email Filtering Language", [RFC 5228](#), DOI 10.17487/RFC5228, January 2008, <<https://www.rfc-editor.org/info/rfc5228>>.
- [RFC6785] Leiba, B., "Support for Internet Message Access Protocol (IMAP) Events in Sieve", [RFC 6785](#), DOI 10.17487/RFC6785, November 2012, <<https://www.rfc-editor.org/info/rfc6785>>.

[Appendix A](#). Acknowledgements

TBD.

Author's Address

Alexey Melnikov
Isode Ltd
14 Castle Mews
Hampton, Middlesex TW12 2NP
UK

E-Mail: Alexey.Melnikov@isode.com