

Workgroup: JMAP
Internet-Draft: draft-ietf-jmap-sieve-17
Published: 31 January 2024
Intended Status: Standards Track
Expires: 3 August 2024
Authors: K. Murchison
Fastmail

JMAP for Sieve Scripts

Abstract

This document specifies a data model for managing Sieve scripts on a server using the JSON Meta Application Protocol (JMAP).

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1. Introduction

[JMAP](#) [[RFC8620](#)] (JSON Meta Application Protocol) is a generic protocol for synchronizing data, such as mail, calendars or contacts, between a client and a server. It is optimized for mobile and web environments, and aims to provide a consistent interface to different data types.

This specification defines a data model for managing [Sieve](#) [[RFC5228](#)] scripts on a server using JMAP. The data model is designed to allow a server to provide consistent access to the same scripts via [ManageSieve](#) [[RFC5804](#)] as well as JMAP, however the functionality offered over the two protocols may differ.

1.1. Notational Conventions

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.

Type signatures, examples, and property descriptions in this document follow the conventions established in Section 1.1 of [[RFC8620](#)]. Data types defined in the core specification are also used in this document.

Servers MUST support all properties specified for the new data type defined in this document.

For compatibility with publishing requirements, line breaks have been inserted inside long JSON strings, with the following continuation lines indented. To form the valid JSON example, any line breaks inside a string must be replaced with a space and any other white space after the line break removed.

1.2. Terminology

The same terminology is used in this document as in the core JMAP specification, see [[RFC8620](#)], Section 1.6.

The term SieveScript (with this specific capitalization) is used to refer to the data type defined in this document and instances of those data types.

1.3. Addition to the Capabilities Object

The capabilities object is returned as part of the JMAP Session object; see [[RFC8620](#)], Section 2. This document defines one additional capability URI.

1.3.1. urn:ietf:params:jmap:sieve

This represents support for the SieveScript data type and associated API methods. The value of this property in the JMAP Session capabilities property is an object that MUST contain the following information on server capabilities:

***implementation:** String

The name and version of the Sieve implementation.

The value of this property in an account's accountCapabilities property is an object that MUST contain the following information on per-account server capabilities:

***maxSizeScriptName:** UnsignedInt

The maximum length, in (UTF-8) octets, allowed for the name of a SieveScript. For compatibility with ManageSieve, this MUST be at least 512 (up to 128 Unicode characters).

***maxSizeScript:** UnsignedInt|null

The maximum size (in octets) of a Sieve script the server is willing to store for the user, or null for no limit.

***maxNumberScripts:** UnsignedInt|null

The maximum number of Sieve scripts the server is willing to store for the user, or null for no limit.

***maxNumberRedirects:** UnsignedInt|null

The maximum number of Sieve "redirect" actions a script can perform during a single evaluation or null for no limit. Note that this is different from the total number of "redirect" actions a script can contain.

***sieveExtensions:** String[]

A list of case-sensitive Sieve capability strings (as listed in Sieve "require" action; see [[RFC5228](#)], Section 3.2) indicating the extensions supported by the Sieve engine.

***notificationMethods:** String[]|null

A list of [URI schema parts](#) [[RFC3986](#)] for notification methods supported by the Sieve "enotify" [[RFC5435](#)] extension, or null if the extension is not supported by the Sieve engine.

***externalLists:** String[]|null

A list of [URI schema parts](#) [[RFC3986](#)] for externally stored list types supported by the Sieve "extlists" [[RFC6134](#)] extension, or null if the extension is not supported by the Sieve engine.

2. Sieve Scripts

A **SieveScript** object represents a single [Sieve](#) [[RFC5228](#)] script for filtering email messages at time of final delivery.

A **SieveScript** object has the following properties:

***id:** Id (immutable; server-set)

The id of the script.

***name:** String|null (optional; default is server-dependent)

User-visible name for the SieveScript. If non-null, this MUST be a [Net-Unicode \[RFC5198\]](#) string of at least 1 character in length, subject to the maximum size given in the capability object. For compatibility with ManageSieve, servers MUST reject names that contain control characters. Servers MAY reject names that violate server policy (e.g., names containing slash (/)). The name MUST be unique among all SieveScripts within an account.

***blobId:** Id

The id of the blob containing the raw octets of the script.

The script MUST be [UTF-8 \[RFC3629\]](#) content of at least 1 character in length, subject to the syntax of [Sieve \[RFC5228\]](#). The script MUST NOT contain any "require" statement(s) mentioning Sieve capability strings not present in the [capability \(Section 1.3.1\)](#) object. Note that if the Sieve ["ihave" \[RFC5463\]](#) capability string is present in the capability object, the script MAY mention unrecognized/unsupported extensions in the "ihave" test.

***isActive:** Boolean (server-set; default: false)

A user may have multiple SieveScripts on the server, yet only one script may be used for filtering of incoming messages. This is the active script. Users may have zero or one active script. The [SieveScript/set \(Section 2.2\)](#) method is used for changing the active script or disabling Sieve processing.

2.1. SieveScript/get

This is a standard "/get" method as described in [\[RFC8620\]](#), Section 5.1. The *ids* argument may be null to fetch all at once.

This method provides similar functionality to the GETSCRIPT and LISTSCRIPTS commands in [\[RFC5804\]](#).

2.1.1. Examples

Request (and response) to list all scripts:

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/get", {
      "accountId": "ken"
    }, "0"]
  ]
}

{
  "methodResponses": [
    [
      "SieveScript/get",
      {
        "state": "1634915373.240633104-120",
        "list": [
          {
            "id": "2d647053-dded-418d-917a-63eda3ac8f7b",
            "name": "test1",
            "isActive": true,
            "blobId": "s123"
          }
        ],
        "notFound": [],
        "accountId": "ken"
      },
      "0"
    ]
  ]
}

```

Request (and response) to download the script (assuming that the JMAP Download URL has been advertised in the JMAP Session object as having a path of `"/jmap/download/{accountId}/{blobId}/{name}?accept={type}"`). Note that the request-line has been wrapped for presentation purposes only.

```
GET
 /jmap/download/ken/S123/test1.siv?accept=application/sieve
 HTTP/1.1
Host: jmap.example.com
Authorization: Basic a2VuOnBhc3N3b3Jk
```

```
HTTP/1.1 200 OK
Date: Fri, 22 Oct 2021 15:27:38 GMT
Content-Type: application/sieve; charset=utf-8
Content-Disposition: attachment; filename="test1.siv"
Content-Length: 49
```

```
require ["fileinto"];
fileinto "INBOX.target";
```

Request (and response) to fetch the content of a single script:

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:blob",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/get", {
      "accountId": "ken",
      "ids": [ "2d647053-dded-418d-917a-63eda3ac8f7b" ]
    }, "0"],
    ["Blob/get", {
      "accountId": "ken",
      "#ids": {
        "resultOf": "0",
        "name": "SieveScript/get",
        "path": "/list/*/blobId"
      }
    }, "1"]
  ]
}

{
  "methodResponses": [
    [
      "SieveScript/get",
      {
        "state": "1634915373.240633104-120",
        "list": [
          {
            "id": "2d647053-dded-418d-917a-63eda3ac8f7b",
            "name": "test1",
            "isActive": true,
            "blobId": "S123"
          }
        ],
        "notFound": [],
        "accountId": "ken"
      },
      "0"
    ],
    [
      "Blob/get",
      {
        "list": [
          {
            "id": "S123",
            "data:asText":
"require [\"fileinto\"];\r\nfileinto \"INBOX.target\";\r\n",
            "size": 49
          }
        ]
      }
    ]
  ]
}

```



```
    ],
    "notFound": [],
    "accountId": "ken"
  },
  "1"
]
]
}
```

2.2. SieveScript/set

This is a standard `/set` method as described in [\[RFC8620\]](#), Section 5.3 but with the following additional request arguments, either or both of which may be omitted:

***onSuccessActivateScript:** Id (optional)

The id of the SieveScript to activate if and only if all of the creations, modifications, and destructions (if any) succeed. (For references to SieveScript creations, this is equivalent to a creation-reference, so the id will be the creation id prefixed with a "#".) The currently active SieveScript (if any) will be deactivated before activating the specified SieveScript.

If the id is either illegal or nonexistent, it MUST be ignored and the currently active SieveScript (if any) will remain as such.

The id of any activated SieveScript MUST be reported in either the "created" or "updated" argument in the response as appropriate, including a value of "true" for the "isActive" property. The id of any deactivated SieveScript MUST be reported in the "updated" argument in the response, including a value of "false" for the "isActive" property.

***onSuccessDeactivateScript:** Boolean (optional)

If true, the currently active SieveScript (if any) will be deactivated if and only if all of the creations, modifications, and destructions (if any) succeed. If false, the currently active SieveScript (if any) will remain as such.

The id of any deactivated SieveScript MUST be reported in the "updated" argument in the response, including a value of "false" for the "isActive" property.

If both the **onSuccessActivateScript** and **onSuccessDeactivateScript** arguments are present in the request, then **onSuccessDeactivateScript** MUST be processed first. If neither argument is present in the

request, the currently active SieveScript (if any) will remain as such.

This method provides similar functionality to the PUTSCRIPT, DELETESCRIPT, RENAMESCRIPT, and SETACTIVE commands in [\[RFC5804\]](#).

Script content must first be uploaded as a blob using either the standard upload mechanism (see [\[RFC8620\]](#) Section 6.1) or the JMAP Blob management extension (see [\[RFC9404\]](#) Section 4.1).

If the SieveScript can not be created or updated because it would result in two SieveScripts with the same name, the server MUST reject the request with an "alreadyExists" SetError. An "existingId" property of type "Id" MUST be included on the SetError object with the id of the existing SieveScript.

If the SieveScript can not be created or updated because its size exceeds the "maxSizeScript" limit, the server MUST reject the request with a "tooLarge" SetError.

If the Sieve Script can not be created because it would exceed the "maxNumberScripts" limit, the server MUST reject the request with an "overQuota" SetError.

The active SieveScript MUST NOT be destroyed unless it is first deactivated in a separate SieveScript/set method call.

The following extra SetError types are defined:

For "create" and "update":

***invalidSieve:**

The SieveScript content violates the [Sieve \[RFC5228\]](#) grammar and/or one or more extensions mentioned in the script's "require" statement(s) are not supported by the Sieve interpreter. The *description* property on the SetError object SHOULD contain a specific error message giving at least the line number of the first error.

For "destroy":

***sieveIsActive:**

The SieveScript is active.

2.2.1. Examples

Request (and response) to upload a script requiring the Imap4Flags [\[RFC5232\]](#) Extension (assuming that the JMAP Upload URL has been

advertised in the JMAP Session object as having a path of "/jmap/upload/{accountId}/"):

```
POST /jmap/upload/ken/ HTTP/1.1
Host: jmap.example.com
Authorization: Basic a2VuOnBhc3N3b3Jk
Content-Type: application/sieve
Content-Length: 98
```

```
require "imapflags";

if address :is ["To", "Cc"] "jmap@ietf.org" {
  setflag "\\Flagged";
}
```

```
HTTP/1.1 201 Created
Date: Thu, 10 Dec 2020 17:14:31 GMT
Content-Type: application/json; charset=utf-8
Content-Length: 171
```

```
{
  "accountId": "ken",
  "blobId": "Gabcc83e44a6e19991c4568d0b94e1767c83dd123",
  "type": "application/sieve"
  "size": 98
}
```

Request (and response) to create and activate a script using the uploaded blob. Note that the response shows that an existing active script has been deactivated in lieu of the newly created script being activated.

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/set", {
      "accountId": "ken",
      "create": {
        "A": {
          "name": null,
          "blobId": "Gabcc83e44a6e19991c4568d0b94e1767c83dd123"
        }
      }
    },
    "onSuccessActivateScript": "#A"
  ], "0"]
]
}

{
  "methodResponses": [
    [
      "SieveScript/set",
      {
        "oldState": "1603741717.50737918-4096",
        "newState": "1603741751.227268529-4096",
        "created": {
          "A": {
            "id": "dd1b164f-8cdc-448c-9f54",
            "name": "ken-20201210T171432-0",
            "blobId": "Sdd1b164f-8cdc-448c-9f54",
            "isActive": true
          }
        }
      },
      "updated": {
        "8abd6f4a-bcb4d-87650-3fcd": {
          "isActive": false
        }
      },
      "destroyed": null,
      "notCreated": null,
      "notUpdated": null,
      "notDestroyed": null,
      "accountId": "ken"
    },
    "0"
  ]
]
}

```

Request (and response) to update script content using the [JMAP Blob management extension](#) [[RFC9404](#)]:

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:blob",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["Blob/upload", {
      "accountId": "ken",
      "create": {
        "B": {
          "data": [ {
            "data:asText":
              "redirect \"ken@example.com\"\\r\\n;"
          } ],
          "type": "application/sieve"
        }
      }
    }, "1"],
    ["SieveScript/set", {
      "accountId": "ken",
      "update": { "dd1b164f-8cdc-448c-9f54": {
        "blobId": "#B"
      }
    }
  ], "2"]
]
}

{
  "methodResponses": [
    [
      "Blob/upload",
      {
        "oldState": null,
        "newState": "1603741700.309607123-0128",
        "created": {
          "B": {
            "id": "G969c83e44a6e10871c4568d0b94e1767c83ddeae",
            "blobId": "G969c83e44a6e10871c4568d0b94e1767c83ddeae",
            "type": "application/sieve",
            "size": 29
          }
        }
      },
      "notCreated": null,
      "accountId": "ken"
    ],
    "1"
  ],
  [
    "SieveScript/set",

```

```
{
  "oldState": "1603741751.227268529-4096",
  "newState": "1603742603.309607868-4096",
  "created": null,
  "updated": {
    "dd1b164f-8cdc-448c-9f54": null
  },
  "destroyed": null,
  "notCreated": null,
  "notUpdated": null,
  "notDestroyed": null,
  "accountId": "ken"
},
"2"
]
]
}
```

Request (and response) to update script name and deactivate:

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/set", {
      "accountId": "ken",
      "update": { "dd1b164f-8cdc-448c-9f54": {
        "name": "myscript"
      }
    },
    "onSuccessDeactivateScript": true
  ], "3"]
  ]
}

{
  "methodResponses": [
    [
      "SieveScript/set",
      {
        "oldState": "1603742603.309607868-4096",
        "newState": "1603742967.852315428-4096",
        "created": null,
        "updated": {
          "dd1b164f-8cdc-448c-9f54": {
            "isActive": false
          }
        },
        "destroyed": null,
        "notCreated": null,
        "notUpdated": null,
        "notDestroyed": null,
        "accountId": "ken"
      },
      "3"
    ]
  ]
}

```

Request (and response) to activate a script:


```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/set", {
      "accountId": "ken",
      "onSuccessActivateScript": "dd1b164f-8cdc-448c-9f54"
    }, "4"]
  ]
}

{
  "methodResponses": [
    [
      "SieveScript/set",
      {
        "oldState": "1603742967.852315428-4096",
        "newState": "1603744460.316617118-4096",
        "created": null,
        "updated": {
          "dd1b164f-8cdc-448c-9f54": {
            "isActive": true
          }
        },
        "destroyed": null,
        "notCreated": null,
        "notUpdated": null,
        "notDestroyed": null,
        "accountId": "ken"
      },
      "4"
    ]
  ]
}

```

Requests (and responses) to deactivate and destroy the active script:

```

{
  "using": [ "urn:ietf:params:jmap:core",
            "urn:ietf:params:jmap:sieve" ],
  "methodCalls": [
    ["SieveScript/set", {
      "accountId": "ken",
      "onSuccessDeactivateScript": true
    }, "5"],
    ["SieveScript/set", {
      "accountId": "ken",
      "destroy": [ "dd1b164f-8cdc-448c-9f54" ]
    }, "6"]
  ]
}

{
  "methodResponses": [
    [
      "SieveScript/set",
      {
        "oldState": "1603744460.316617118-4096",
        "newState": "1603744637.575375572-4096",
        "created": null,
        "updated": {
          "dd1b164f-8cdc-448c-9f54": {
            "isActive": false
          }
        },
        "destroyed": null,
        "notCreated": null,
        "notUpdated": null,
        "notDestroyed": null,
        "accountId": "ken"
      },
      "5"
    ],
    [
      "SieveScript/set",
      {
        "oldState": "1603744637.575375572-4096",
        "newState": "1603744637.854390875-4096",
        "created": null,
        "updated": null,
        "destroyed": [
          "dd1b164f-8cdc-448c-9f54"
        ],
        "notCreated": null,
        "notUpdated": null,
        "notDestroyed": null,

```

```
        "accountId": "ken"
      },
      "6"
    ]
  ]
}
```

2.3. SieveScript/query

This is a standard "/query" method as described in [[RFC8620](#)], Section 5.5. A *FilterCondition* object has the following properties, either of which may be omitted:

***name:** String

The SieveScript "name" property contains the given string.

***isActive:** Boolean

The "isActive" property of the SieveScript must be identical to the value given to match the condition.

The following SieveScript properties **MUST** be supported for sorting:

***name**

***isActive**

2.4. SieveScript/validate

This method is used by the client to verify Sieve script validity without storing the script on the server, providing similar functionality to the CHECKSCRIPT command in [[RFC5804](#)].

The method takes the following arguments:

***accountId:** Id

The id of the account to use.

***blobId:** Id

The id of the blob containing the raw octets of the script to validate, subject to the same requirements in [Section 2](#).

The response has the following arguments:

***accountId:** Id

The id of the account used for this call.

***error:** SetError|null

An "invalidSieve" SetError object if the script content is invalid (see [Section 2.2](#)), or null if the script content is valid.

As with the [SieveScript/set](#) ([Section 2.2](#)) method, script content must first be uploaded as a blob using either the standard upload mechanism (see [\[RFC8620\]](#) Section 6.1) or the JMAP Blob management extension (see [\[RFC9404\]](#) Section 4.1).

3. Compatibility with JMAP Vacation Response

Section 8 of [\[RFC8621\]](#) defines a VacationResponse object to represent an autoresponder to incoming email messages. Servers that implement the VacationResponse as a Sieve script that resides amongst other user scripts are subject to the following requirements:

*MUST allow the VacationResponse Sieve script to be fetched by the [SieveScript/get](#) ([Section 2.1](#)) method.

*MUST allow the VacationResponse Sieve script to be [de]activated via the "onSuccessActivateScript" argument to the [SieveScript/set](#) ([Section 2.2](#)) method.

*MUST NOT allow the VacationResponse Sieve script to be destroyed or have its content updated by the [SieveScript/set](#) ([Section 2.2](#)) method. Any such request MUST be rejected with a "forbidden" SetError. A "description" property MAY be present with an explanation that the script can only be modified by a VacationResponse/set method.

4. Security Considerations

All security considerations of [JMAP](#) [\[RFC8620\]](#) and [Sieve](#) [\[RFC5228\]](#) apply to this specification.

5. IANA Considerations

5.1. JMAP Capability Registration for "sieve"

IANA will register the "sieve" JMAP Capability as follows:

Capability Name: urn:ietf:params:jmap:sieve

Specification document: this document

Intended use: common

Change Controller: IETF

Security and privacy considerations: this document, [Section 4](#)

5.2. JMAP Data Type Registration for "SieveScript"

IANA will register the "SieveScript" JMAP Data Type as follows:

Type Name: SieveScript

Can Reference Blobs: yes

Can Use for State Change: yes

Capability: urn:ietf:params:jmap:sieve

Specification document: this document

5.3. JMAP Error Codes Registry

The following sub-sections register two new error codes in the JMAP Error Codes registry, as defined in [\[RFC8620\]](#).

5.3.1. invalidSieve

JMAP Error Code: invalidSieve

Intended use: common

Change controller: IETF

Reference: This document, [Section 2.2](#)

Description: The SieveScript violates the [Sieve grammar](#) [\[RFC5228\]](#) and/or one or more extensions mentioned in the script's "require" statement(s) are not supported by the Sieve interpreter.

5.3.2. sieveIsActive

JMAP Error Code: sieveIsActive

Intended use: common

Change controller: IETF

Reference: This document, [Section 2.2](#)

Description: The client tried to destroy the active SieveScript.

6. Acknowledgments

The concepts in this document are based largely on those in [RFC5804]. The author would like to thank the authors of that document for providing both inspiration and some borrowed text for this document.

The author would also like to thank the following individuals for contributing their ideas and support for writing this specification: Joris Baum, Mauro De Gennaro, Bron Gondwana, Neil Jenkins, Alexey Melnikov, and Ricardo Signes.

7. References

7.1. Normative References

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Appendix A. Change History (To be removed by RFC Editor before publication)

Changes since ietf-16:

- *Renamed the "invalidScript" and "scriptIsActive" SetErrors to "invalidSieve" and "sieveIsActive" respectively.

Changes since ietf-15:

- *Added registration for SieveScript JMAP Data Type.
- *Miscellaneous editorial changes.

Changes since ietf-14:

- *Updated reference for JMAP Blobs.

Changes since ietf-13:

- *Added implementation argument to capabilities.

*Miscellaneous editorial changes.

Changes since ietf-12:

*Added onSuccessDeactivateScript argument to /set method.

*Clarified that the "isActive" property must be included in the created/updated/destroyed arguments in a response of the active script is changed and/or deactivated.

*Miscellaneous editorial changes.

Changes since ietf-11:

*Fixed examples to be proper JSON and JMAP.

Changes since ietf-10:

*Fixed SieveScript/set response deactivating script example.

*Fixed line line nit in Blob/get request.

*Removed unused references.

Changes since ietf-09:

*Fixed Blob/upload request in example.

Changes since ietf-08:

*Fixed Blob/upload response in example.

*Removed SieveScript/test method (to be written as an extension document).

Changes since ietf-07:

*Updated example to use Blob/upload rather than Blob/set.

Changes since ietf-06:

*None (refreshed to avoid expiration).

Changes since ietf-05:

*Converted source from xml2rfc v2 to v3.

*Added examples for SieveScript/get.

*Miscellaneous editorial changes.

Changes since ietf-04:

- *SieveScript/test: Switched from using a JSON array for each completed action and its args to a JSON object.
- *Switched to referencing draft-ietf-jmap-blob.
- *Miscellaneous editorial changes.

Changes since ietf-03:

- *SieveScript/test: Moved positional arguments into their own array (because the specifications don't use a consistent method for defining the action syntax or naming of positional arguments).

Changes since ietf-02:

- *Removed open issues.
- *Reverted back to using only blob ids for script content.
- *Added "rateLimit" and "requestTooLarge" to the list of possible error codes for /set method.
- *Added Compatibility with JMAP Vacation Response section.
- *Added RFC5228 to Security Considerations.
- *Miscellaneous editorial changes.

Changes since ietf-01:

- *Removed normative references to ManageSieve (RFC 5804).
- *Added the 'maxSizeScriptName' capability.
- *Made the 'name' property in the SieveScript object optional.
- *Added requirements for the 'name' property in the SieveScript object.
- *Removed the 'blobId' property from the SieveScript object.
- *Removed the 'replaceOnCreate' argument from the /set method.
- *Removed the 'blobId' argument from the /validate method.
- *Removed the 'scriptBlobId' argument from, and added the 'scriptContent' argument to, the /test method.
- *Editorial fixes from Neil Jenkins and Ricardo Signes.

*Other miscellaneous text reorganization and editorial fixes.

Changes since ietf-00:

*Specified that changes made by `onSuccessActivateScript` MUST be reported in the `/set` response as created and/or updated as appropriate.

*Reworked and specified more of the `/test` response based on implementation experience.

Changes since murchison-01:

*Explicitly stated that Sieve capability strings are case-sensitive.

*`errorDescription` is now `String|null`.

*Added `/query` method.

*Added `/test` method.

Changes since murchison-00:

*Added IANA registration for "scriptIsActive" JMAP error code.

*Added open issue about `/set{create}` with an existing script name.

Author's Address

Kenneth Murchison
Fastmail US LLC
1429 Walnut Street - Suite 1201
Philadelphia, PA 19102
United States of America

Email: murch@fastmailteam.com