JMAP Sieve

draft-ietf-jmap-sieve-02

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Changes since IETF 108

- accountCapabilities:
  - Sieve capability strings are now case-insensitive.
  - Added a *maxSizeScriptName* capability.
- SieveScript object:
  - The *name* property is now optional in the /set method. If *null*, the server assigns a unique name.
  - The *isActive* property is now server-set (via the *onSuccessActivateScript* argument to the /set method).
  - Do we need/want any additional properties? E.g, *includedBy* ?

Changes since IETF 108

- SieveScript/set:
  - Added an *onSuccessActivateScript* argument – used to atomically set/change/unset the active script.
  - Any changes made to SieveScript object(s) by *onSuccessActivateScript* MUST be reported in the /set response as created and/or updated as appropriate.
  - Can be used with or without any create, update, or destroy arguments.

Changes since IETF 108

- SieveScript/query:
  - Can filter and sort on the *name* and/or the *isActive* properties.
  - Do we need/want any additional filter or sort criteria? E.g., *isIncluded*, *inUse* ?

Changes since IETF 108

- SieveScript/test Request:
  - *accountID* (Id): The id of the account to use.
  - *scriptContent* (String): Raw octets of the script to test.
  - *scriptId* (Id): The id of an existing SieveScript to test.
  - *emailBlobIds* (Id[]): The ids representing the raw octets of the RFC 5322 messages to test against.
  - *envelope* (Envelope|null): Information to assume was present in the SMTP transaction that delivered the message.
  - *lastVacationResponse* (UTCDate|null): The date-time at which the interpreter should assume that it last auto-replied to the sender of the message.
  - Do we need any additional arguments? E.g., for “environment” or “duplicate”?

Changes since IETF 108

- SieveScript/test Reply:
  - *accountID* (Id): The id of the account used for the call.
  - *completed* (Id[Action[]]|null): A map of the blob id to a set of *Action* types for each message that was successfully processed by the script. The *Action* type is a tuple, represented as a JSON array containing two elements:

    1) A String *name* of the Sieve action.

    2) A String[*] object containing named *arguments* for that action.
  - *notCompleted* (Id[SetError]|null): A map of the blob id to a SetError object for each message that was not successfully processed by the script.

Example Action Type

```
[
  "vacation",
  {
    "fcc": "INBOX.Sent",
    "flags": [ "\\answered" ],
    "subject": "Auto: test email",
    "from": "ken@example.com",
    "reason": "Gone fishing."
  }
]
```

Possible Additions/Changes

- Should “:fcc” and its associated arguments reported in the /test response be in their own “fcc” sub-object?
- Do we need any (rate) limits for /test?
- ???