Push-Based SET Token Delivery Using HTTP

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SET Transmission Request

```
POST /Events HTTP/1.1
Host: recipient.example.com
Accept: application/json
Authorization: Bearer h480djs93hd8
Content-Type: application/secevent+jwt
... SET in request body...
```

Success Response

```
HTTP/1.1 202 Accepted
```

Failure Response

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
  "err": "authentication_failed",
  "description": "Access token is expired."
```

Current Status

• 04 draft published 2019-01-23

WGLC in January/February: not enough responses

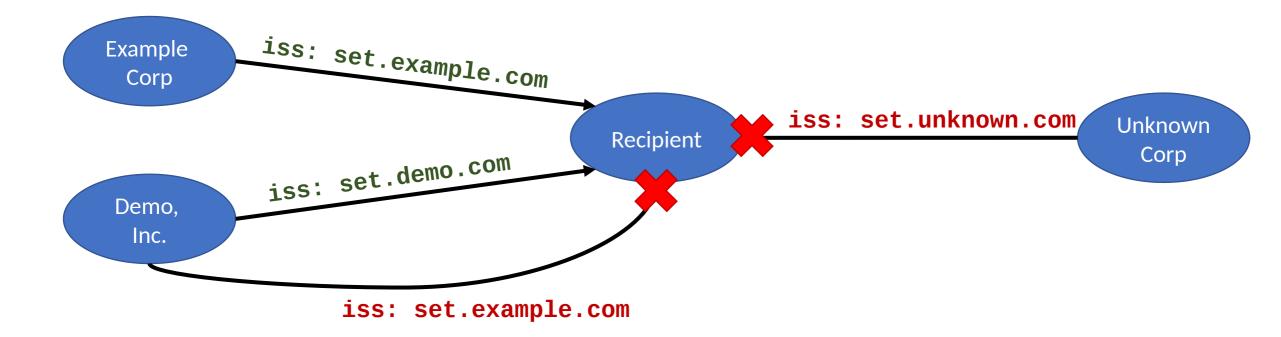
05 draft published 2019-03-11

- Implementations:
 - Google: live as transmitter, for Google OIDC clients
 - Amazon: WIP

$03 \rightarrow 05$: Validation

• SET Recipient is willing to receive SETs from the SET Issuer.

...and from this SET Transmitter.



03 → 05: Redefined Error Codes

invalid_request	The request body cannot be parsed as a SET, or the event payload within the SET does not conform to the event's definition.
invalid_key	One or more keys used to encrypt or sign the SET is invalid or otherwise unacceptable to the SET Recipient.
authentication_failed	The SET Recipient could not authenticate the SET Transmitter from the contents of the request.
access_denied	The SET Transmitter is not authorized to transmit the provided SET to the SET Recipient.

03 → 05: Miscellaneous

Accept - Language and Content - Language for error descriptions

- Required when using TLS:
 - at least TLS 1.2
 - newest TLS version "that meets [Recipient's] security requirements."

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WGLC and Continued Work

Please read and review!