

SET Token Delivery Using HTTP

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Overview

- changes since IETF99
- open questions
- Q & A

Changes Since IETF99

- current draft: [draft-ietf-secevent-delivery-01](#)
- previous draft: [draft-hunt-secevent-delivery-00](#)
- verification event definition moved to management API

Open Question: Delivery Method Optionality

- most transmitters want to implement only one of the delivery methods
- both push and polling are defined in the same spec

Open Question: Delivery Method Attributes

- Push Delivery
 - endpoint URL (read-write)
 - authorization header (read-write)
- Polling Delivery
 - endpoint URL (read-only)

Open Question: Delivery Method Attribs - Example

```
{
  "aud": "http://www.example.com",
  "delivery": {
    "delivery_method": "urn:example:secevent:delivery:http_post",
    "url": "https://receiver.example.com/events"
    "authorization": "Basic dXNlcm5hbWU6cGFzc3dvcmQ=",
  },
  "events": [
    "urn:example:secevent:events:type_1",
    "urn:example:secevent:events:type_2",
    "urn:example:secevent:events:type_3"
  ],
}
```

Open Question: HTTP Authorization Header

- Push Delivery only
- Receiver to specify optional static HTTP authorization header
 - Basic auth
 - API key
 - OAuth 2 Access Token (if longer lived)
- It prevents DoS

Q & A