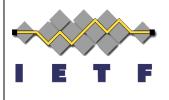
## STIR WG IETF-106

Assertion Values for a Resource Priority Header Claim in Support of Emergency Services Networks

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## Background



- Personal Assertion Token (PASSporT) Extension for Resource Priority Authorization [RFC8443] extended the Personal Assertion Token(PASSporT) specification defined in [RFC8225] to allow the inclusion of cryptographically signed assertions of authorization for the values populated in the 'Resource- Priority' header field, which is used for communications resource prioritization.
  - The focus was on support of Government Priority Services RPH `namespaces'.
- This document adds new assertion values for a Resource Priority Header ("rph") claim defined in [RFC8443], in support of Emergency Services Networks for emergency call origination and callback.
- This specification defines new assertions values for:
  - "ESorig": Emergency Services call origination
  - "EScallback": Emergency Services callback.

## **Proposed new Assertions**



```
The following is an example of an "rph" claim for SIP
'Resource-Priority' header field with a "ESorig" assertion:
       "orig":{"tn":"CgPN"},
       "dest":{["tn":"911 or URN-SOS"]},
       "iat":1443208345,
       "rph":{"ESorig":["esnet,x"]}
       }
       The following is an example of an "rph" claim for
       SIP 'Resource-
       Priority' header field with a "ESorig" assertion:
       "orig":{"tn":"EmergNet Num"},
       "dest":{["tn":"CqPN that originated emergency call"]},
       "iat":1443208345,
       "rph":{"EScallback":["esnet,x"]}
       }
```