

# draft-rosen-stir-emergency- calls

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# Emergency Calls (to 9-1-1/1-1-2/9-9-9/...

- Validation of calling party number is very important to emergency call authorities
- Swatting
- But “regular” stir is fine as long as the validation status is passed to the PSAP
- Emergency Calling on the Internet is defined by RFC6881
- There is no specification for the Resource Priority Header field for emergency calls

# “esnet” Resource Priority Namespace

- Defined by RFC7135
  - 4 levels
  - Actually for use within an “Emergency Services IP Network” (ESInet)
  - Typically NOT on the call from Originating Service Provider
- PSTN doesn’t offer any priority to emergency calls
- It is desirable to provide priority for emergency calls.
- Recommend esnet.0, no recommendation on what “priority” means
- Does need to be protected against misuse

# Call Backs

- PSAPs occasionally need to call an emergency caller back
- RFC7090 defines the use of SIP Priority (NOT RPH) 'psap-callback'
- Does NOT define the use of RPH
- Recommend setting RPH to esnet.0
- Need to protect RPH and SIP Priority against modification