

Rich Call Data PASSporT extension  
draft-ietf-stir-passport-rcd-06

STIR Working Group  
IETF107 virtual meeting

# Overview of update

- Many editorial and clarification updates based on list feedback as well as review from David Hancock
- Major update was to include a “crn” claim that corresponds to a “reason” or string representing the intent for a call, which has been requested by many.
- There is also a corresponding update to draft-wendt-sipcore-callinfo-rcd-01

# “crn” claim

- The newly added “crn” claim is intended to convey the caller's intention in contacting the callee.
- callinfo-rcd draft says “this message SHOULD be no longer than ten words; displays that support this specification may be forced to truncate messages that cannot fit onto a screen.”
- It also notes that string will be primary format, but keeps open a more extensible format if there is a need.

# Example of “rcd” PASSporT with “nam”, “jcl”, “rcdi”, “crn”

Protected Header

```
{  
  "alg": "ES256",  
  "typ": "passport",  
  "ppt": "rcd",  
  "x5u": "https://biloxi.example.org  
    /biloxi.cer"  
}
```

Payload

```
{  
  "orig": {"tn": "12025551000"},  
  "dest": {"tn": "12155551001"},  
  "iat": 1443208345,  
  "rcd": {"nam": "James Bond", "jcl": "https://example.org/james_bond.json"},  
  "rcdi": "sha256-H8BRh8j48O9oYatfu5AZzq6A9R6dQZngK7T62em8MUt1FLm52t+eX6x0",  
  "crn": "For your ears only"  
}
```