

PCP Description Option

I-D.boucadair-pcp-description-option

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Update since IETF#83

- Useful to associate a description with a mapping
 - e.g., “my webcam”
 - Can also be used for the UPnP IGD-PCP IWF
- Several implementations exist, e.g.,
 - Including commercial CGNs (DS-Lite Context)
 - Integrated in a PCP Client running on Android
- We request to assign a stable code point for this option
 - Adopt this document as WG item

Excerpt of a configuration file of a PCP Server (Thanks W*)

```
description "web"  
  lifetime minimum 60 maximum 1200  
  max-description-size 20  
  opcode  
    get  
    map  
    announce  
  exit  
  option  
    description  
    port-reservation  
    third-party  
    prefer-failure  
  exit  
exit
```

Example of a PCP Request with Description Option: PCP Client Running on Android

Client IP: [2a01:cd01:XXXX]

Request Opcode: MAP

Requested internal port: 8080

Suggested external address:
[::ffff:0]

Suggested external port: 8080

Lifetime: 3000 sec

Transport protocol: TCP

Description: "HTTP Webcam service"