

# WGLC / IANA review changes to constrained join proxy

`draft-ietf-anima-constrained-join-proxy-13`

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# Discovery issues: GRASP and mDNS Registrar Discovery (by Join Proxy)

Discovery in Constrained-Voucher

```
[M_FLOOD, 51804321, h'fda379a6f6ee00000200000064000001', 180000,
  [{"AN_join_registrar", 4, 255, "BRSKI_JP"},
  [0_IPv6_LOCATOR,
  h'fda379a6f6ee00000200000064000001', IPPROTO_UDP, 5684]]]
```

Arbitrary port

Discovery in Constrained-Join-Proxy

```
[M_FLOOD, 51840231, h'fda379a6f6ee00000200000064000001', 180000,
  [
    ["AN_join_registrar", 4, 255, ""], [0_IPv6_LOCATOR,
    h'fda379a6f6ee00000200000064000001', IPPROTO_TCP, 8443],
    ["AN_join_registrar", 4, 255, "BRSKI_JP"], [0_IPv6_LOCATOR,
    h'fda379a6f6ee00000200000064000001', IPPROTO_UDP, 5684],
    ["AN_join_registrar", 4, 255, "BRSKI_RJP"], [0_IPv6_LOCATOR,
    h'fda379a6f6ee00000200000064000001', IPPROTO_UDP, 5685]
  ]]
```

# Discovery issues: GRASP and mDNS Join-Proxy Discovery (by Pledge)

Discovery in Constrained-Voucher

```
[M_FLOOD, 12340851, h'fe8000000000000000000000000000000000000001', 180000,  
 [ ["AN_Proxy", 4, 1, ""], [0_IPv6_LOCATOR,  
   h'fe8000000000000000000000000000000000000001', IPPROTO_TCP, 4443],  
 ["AN_Proxy", 4, 1, "DTLS"], [0_IPv6_LOCATOR,  
   h'fe8000000000000000000000000000000000000001', IPPROTO_UDP, 5684]]
```

Discovery in Constrained-Join-Proxy

NO CHANGE



Arbitrary port

# More! JPY message changed

## OLD (ietf113):

```
JPY_message =  
[  
    ip      : bstr,  
    port    : int,  
    family  : int,  
    index   : int  
    content : bstr  
]
```

## NEWEr (ietf114):

```
JPY_message =  
[  
  
    pledge_context_message:b  
    str,  
    content      : bstr  
]
```

## NEWest:

- \* The request method is POST.
- \* The type is Confirmable (CON).
- \* The Proxy-Scheme option is set to "coap".
- \* No Uri\_Host option is included, as none is technically required.
- \* No Uri-Path option is included.
- \* The payload is the DTLS payload as received from the pledge.
- \* An extended token [RFC8974] is included to contain some encrypted state that allows replies to be returned to the pledge.

# Discussion And questions



Current status was AD writeup/reviews

New status: 2<sup>nd</sup> WGGLC?