WGLC / IANA review changes to constrained join proxy

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

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IETF 115 - ANIMA Working Group
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"],
   [O_IPv6_LOCATOR,
    h'fda379a6f6ee00000200000064000001', IPPROTO_UDP, 5684]]
]

Discovery in Constrained-Join-Proxy

[M_FLOOD, 51840231, h'fda379a6f6ee00000200000064000001', 180000,
  [
    ["AN_join_registrar", 4, 255, "]
        [O_IPv6_LOCATOR,
         h'fda379a6f6ee00000200000064000001', IPPROTO_TCP, 8443],
         ["AN_join_registrar", 4, 255, "BRSKI_JP"],
         [O_IPv6_LOCATOR,
          h'fda379a6f6ee00000200000064000001', IPPROTO_UDP, 5684],
          ["AN_join_registrar", 4, 255, "BRSKI_RJP"],
          [O_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'fe800000000000000000000000000001', 180000,
[ "AN_Proxy", 4, 1, ""], [O_IPV6_LOCATOR,
  h'fe800000000000000000000000000001', IPPROTO_TCP, 4443],
[ "AN_Proxy", 4, 1, "DTLS"], [O_IPV6_LOCATOR,
  h'fe800000000000000000000000000001', IPPROTO_UDP, 5684]]

Discovery in Constrained-Join-Proxy

NO CHANGE

Abirrtary 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:bstr,
  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\textsuperscript{nd} WGLC?