Please suggest a better name!

## Clarification of RFC7030 CSR Attributes definition draft-richardson-lamps-rfc7030-csrattrs

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#### The Story so far

- RFC7030 was unclear about CSR attributes
- RFC8994 (ACP) and RFC8995 (BRSKI) made an assumption that values could be provided
  - (RFC7030 and RFC8995 have one author in common)
- We had a virtual interim meeting at the end of August
  - https://datatracker.ietf.org/meeting/interim-2021-lamps-02/session/lamps
  - https://www.youtube.com/watch?v=yAg9hKE844g
- We seemed to come to conclude that we need to issue an Updates RFC7030 to fix the CSR Attributes
  - That the document was correct, and the ACP usage was wrong.
- Formed design team, had a few private threads, but no meetings, and little progress on draft and questions.

VIEWER WARNING: ASN.1 examples were created by ASN.1 amateur. Some examples may be harmful to your cognitive functioning.

Divergent views on how to proceed follow.

#### Choice Alpha --- Make ACP usage work

```
CsrAttrs ::= SEQUENCE SIZE (0..MAX) OF AttrOrOID
Attroroid ::= CHOICE (oid OBJECT IDENTIFIER,
                      attribute Attribute,
                                                     Create a new CHOICE
                      value Value }____
Attribute { ATTRIBUTE:IOSet } ::= SEQUENCE {
     extType ATTRIBUTE.&id({IOSet}),
     extAttr SET SIZE(1..MAX) OF ATTRIBUTE.&Type({IOSet}{@type})
}
Value { ATTRIBUTE:IOSet } ::= SEQUENCE {
                                                Put the stuff we need
     extType ATTRIBUTE.&id({IOSet})
                                                        in it.
     type ATTRIBUTE.&Type({IOSet}{@type}),
     value OCTET STRING
}
                                              Most certainly wrong.
```

# Choice Beta --- create new encoding to address name/keyspec needs only

Specific entries
To deal with todays
Current needs.
Extensible by new
revision to ASN.1

1:1 array

### **Discussion/Questions**

