

draft-ietf-regext-rdap-reverse-search
Review

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- 01:
 - Updated "Privacy Considerations" section

5. Privacy Considerations

The use of the capability described in this document MUST be compliant with the rules about privacy protection each RDAP provider is subject to. Sensitive registration data MUST be protected and accessible for permissible purposes only. Therefore, RDAP servers MUST provide reverse search only to those requestors who are authorized according to a lawful basis. Some potential users of this capability include registrars searching for their own domains and operators in the exercise of an official authority or performing a specific task in the public interest that is set out in law. Another scenario consists of permitting reverse searches, which take into account only those entities that have previously given the explicit consent for publishing and processing their personal data.

```
entityHandle={"value":"CID-40*","role":"registrant"}
```

```
entityFn={"value":"Bobby*","role":"registrant"}
```

```
entityEmail={"value":"loffredo@example.com","role":"registrant"}
```

```
entityAddr={"value":{"cc":"CA","city":"Sydney"},"role":"registrant"}
```

- Should we add a path segment to enable reverse search on a custom property?

```
entityDetail={"name":"custom","value":"00000","role":"registrant"}
```

- Should we opt for a unique path allowing the reverse search on any entity detail?

```
entityDetail={"name":"fn","value":"Bobby*","role":"registrant"}
```

```
entityDetail={"name":"handle","value":"CID-40*","role":"registrant"}
```

- Should we avoid the "value" member to have different types?

- Solutions:

- Split the "value" member in "svalue" (string value) and "ovalue" (object value)

```
entityAddr={"ovalue":{"cc":"CA","city":"Sydney"},"role":"registrant"}
```

```
entityFn={"svalue":"Bobby*","role":"registrant"}
```

- Define "value" member type always as string and leave AND joined predicates to a future capability

```
entityAddr={"name":"cc","value":"CA","role":"registrant"}
```

AND

```
entityAddr={"name":"city","value":"Sydney","role":"registrant"}
```