Resource Directory

`draft-ietf-core-resource-directory`
`draft-ietf-core-rd-dns-sd`
`draft-amsuess-rd-replication`

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2018-03-19

Status

pretty much ready

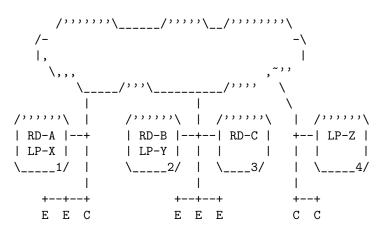107 down, ~~1 to go~~ 2 to go

plug test upcoming

contact me: c@amsuess.com

Changes since -12

- ▶ Cleanup and clarification
  - ▶ Clarified observation behavior
  - ▶ Refer to t2trg-rel-impl for server metadata / versioning
  - ▶ Reduced the significance of domains (removed from figure 2)
- ▶ Added "all resource directory" nodes MC address
- ▶ Resolve RFC6690-vs-8288 resolution ambiguities
  - ▶ Require registered links not to be relative when using anchor
  - ▶ Return absolute URIs in resource lookup
- ▶ Work with replication without really changing the RD
  - ▶ Multiple RDs can be found, and can have absolute addresses
  - ▶ Endpoints from other RDs can be members of a group

rd-replication

- Different registration addresses
- Different lookup addresses
- Eventually consistent results

```
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   | RD-A |--+    | RD-B |--+--| RD-C |   +--| LP-Z |
   | LP-X | |     | LP-Y | | |      |   | |      |
   \_____1/ |     \_____2/ | \____3/   | \_____4/
            |              |            |
       +--+--+        +--+--+        +--+
       E  E  C        E  E  E        C  C
```

-01: updated with introduction

hooks into RD extension points

reviews

plug test