Adding Contact Methods in Whois & RDAP

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Agenda

- What we have now
- Whois versus RDAP
- First step
- What we could have
- Make it a NWI?
- Discussion & questions

What we have now

- Useful
  - Phone
  - E-mail

- Less useful
  - Postal address (since 1635)
  - Fax (since 1843)

It would be nice to have a contact method developed in the last 50 years ([the first ARPANET network mail](#) was sent in 1971)

What we have now

```
person:        Dmitry Kohmanyuk
address:       P.O.Box 99 Kyiv 01033 Ukraine
phone:         +380 50 3814604
fax-no:        +1 877 211 3675
e-mail:        dk@cctld.ua
nic-hdl:       DK379
notify:        dk@hostmaster.ua
mnt-by:        dk379-mnt
created:       1970-01-01T00:00:00Z
last-modified: 2012-04-28T16:11:09Z
source:        RIPE
```

```
handle:              "DK379"
vcardArray:
  0:                 "vcard"
  1:
    0:
      0:             "version"
      1:             {}
      2:             "text"
      3:             "4.0"
    1:               [...]
    2:               [...]
    3:
      0:             "adr"
      1:
        label:       "P.O.Box 99 Kyiv 01033 Ukraine"
      2:             "text"
      3:             [...]
    4:
      0:             "tel"
      1:
        type:        "voice"
      2:             "text"
      3:             "+380 50 3814604"
    5:
      0:             "tel"
      1:
        type:        "fax"
      2:             "text"
      3:             "+1 877 211 3675"
    6:               [...]
```

Whois versus RDAP

- We can easily add whatever we want to whois
- But RDAP does not automatically give the same view

First step?

- RFC 8605 (ICANN Extensions for the Registration Data Access Protocol) already exists and introduced a CONTACT-URI that can include an HTTPS value

- OTT messaging apps like Signal and WhatsApp have private URIs and offer an HTTPS intermediary, e.g. https://signal.me/#p/+15555555555

- Is this good enough as a first step towards modernising the contact methods supported in the RIPE Database?

What we could have

person: Dmitry Kohmanyuk
address: P.O.Box 99 Kyiv 01033 Ukraine
phone: +380 50 3814604
fax-no: +1 877 211 3675
e-mail: dk@cctld.ua
nic-hdl: DK379
notify: dk@hostmaster.ua
mnt-by: dk379-mnt
created: 1970-01-01T00:00:00Z
last-modified: 2012-04-28T16:11:09Z
source: RIPE

https://signal.me/#p/+380503814604

handle: "DK379"
▼ vcardArray:
    0:                  "vcard"
    ▼ 1:
        ▼ 0:
            0:          "version"
            1:          {}
            2:          "text"
            3:          "4.0"
        ▶ 1:   […]
        ▶ 2:   […]
        ▼ 3:
            0:          "adr"
            ▼ 1:
                label: "P.O.Box 99 Kyiv 01033 Ukraine"
            2:          "text"
            ▶ 3:   […]
        ▼ 4:
            0:          "tel"
            ▼ 1:
                type: "voice"
            2:          "text"
            3:          "+380 50 3814604"
        ▼ 5:
            0:          "tel"
            ▼ 1:
                type: "fax"
            2:          "text"
            3:          "+1 877 211 3675"
        ▶ 6:   […]

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Make it a NWI?

- If this is good enough to deliver an improvement, should it become an NWI?

- If so, should support for private URIs be included or just the HTTPS redirection service?

Discussion & Questions

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