Antitrust Policy & Member Participation

› Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws.*

› Only members of Trust over IP who have signed the necessary agreements and charters are permitted to participate in this activity beyond an observer role.

* Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy.

THE **LINUX** FOUNDATION

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Trust Registries Drafting Group

2021-03-30 - Introductory Session

- Getting to know each other
- Discussing Inputs from GHCP Blueprint
- Examine guidance from WHO for International and National Architectures
- Other input

Welcome

› Introduction from Chair & PM

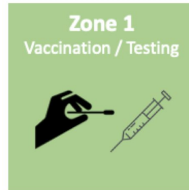› 60-second introductions

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Blueprint

pp 25-26 of the Blueprint (link in meeting page)

Q (food for thought):

We're slotted in as Zone 3 (presentation - but where do Trust Registries fit in the other zones?

Zones Involved with Trust Registries

WHO – Global Federation – PKI

- Global PKI federation
- "Bilateral exchanges possible"
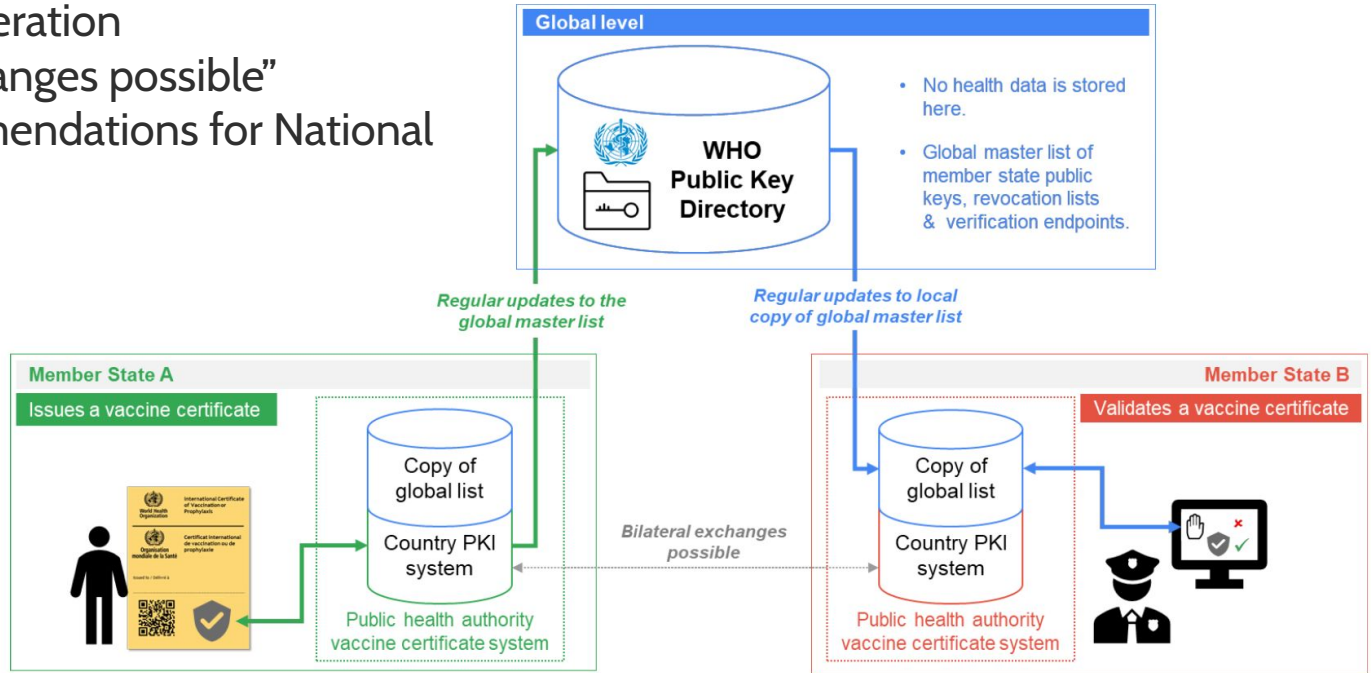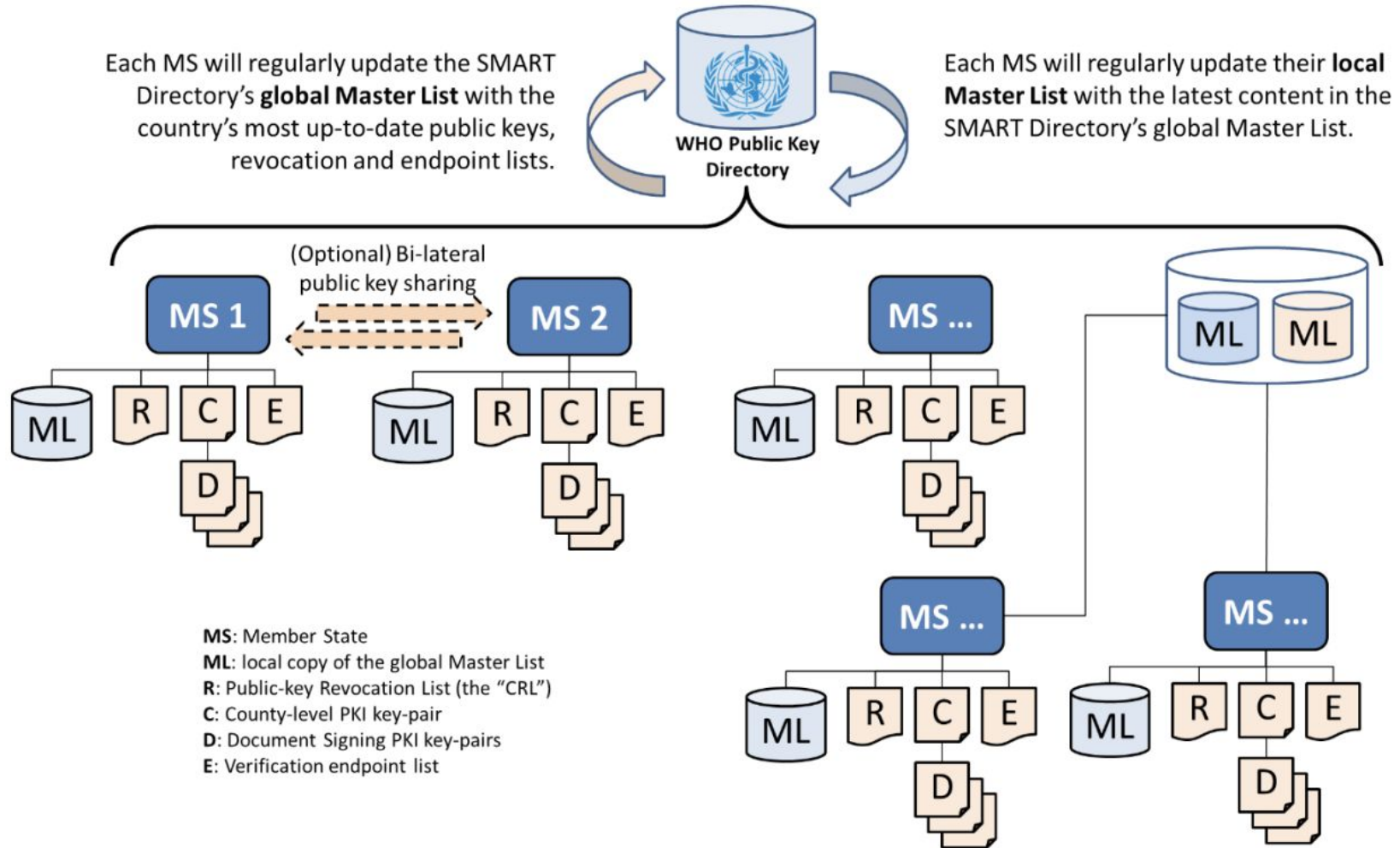- Makes recommendations for National Architectures

Figure 19. The WHO Public Key Directory

Each MS will regularly update the SMART Directory's **global Master List** with the country's most up-to-date public keys, revocation and endpoint lists.

WHO Public Key Directory

Each MS will regularly update their **local Master List** with the latest content in the SMART Directory's global Master List.

(Optional) Bi-lateral public key sharing

MS 1

ML · R · C · E · D

MS 2

ML · R · C · E · D

MS ...

ML · R · C · E · D

ML · ML

MS: Member State
ML: local copy of the global Master List
R: Public-key Revocation List (the "CRL")
C: County-level PKI key-pair
D: Document Signing PKI key-pairs
E: Verification endpoint list

MS ...

ML · R · C · E · D

MS ...

ML · R · C · E · D

WHO - Global Federation - PKI

Options - from Blueprint:

If authorized Good Health Pass credential issuers and verifiers have their own public DIDs, registered on an authorized verifiable data registry, DID-based trust registries can be implemented in several different configurations:

1. Simple DID trust registries are lists of the DIDs the issuers and verifiers authorized by a particular governance authority. They may be hosted on any suitable verifiable data registry designed by that governance authority.

2. Federated DID trust registries work the same way as conventional federated PKI registries, except that they use DIDs instead of digital certificates. Verifiers can walk the path of DIDs to the root DID of a governance authority they trust.

3. DID web-of-trust registries are a combination of simple DID trust registries and/or federated DID trust registries that have mutually-verifiable trust relationships ("cross-registrations"). Thus, they do not need to be organized into a specific hierarchy.

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Tooling

GHCP Leadership will be providing a template – but we can start gathering content, ideas, action items, etc. now

G Suite will be the main toolset

- Use Comments and Suggestions liberally – especially in this early stage.
- Email or Slack for discussions BUT don't use those as documents
    - If you reach a conclusion, or firm up an idea, get it into a document or slide
- ONLY when it is time to transition to controlled documents we will move to Markdown and git

Next Steps

Let's get active in SLACK and Google Docs

Meeting Cadence

- Twice Weekly - Tuesdays 0700h PT/1000h ET/1400h UTC
- More ad hoc meetings as needed
- Zoom Room should NOT change

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