

# Update on Digital Documentation of COVID-19 Certificates

## Supporting G20 Health Working Group 1

Digital Health and Innovations



# Objectives of the G20 Pilot for testing feasibility of a federated global trust network

- In response to COVID-19, governments and organizations across the world have developed and adopted standards and technologies to create, present, and verify digital vaccination credentials.
- However, **a global technical framework to enable convenient use and interoperability of these credentials between systems** – while also allowing domestic autonomy over their use – **does not exist and is critically needed**.
- To meet this need, Indonesia as the G20 Presidency is being supported by the World Health Organization (WHO), Organization for Economic Cooperation and Development (OECD) and the Global Digital Health Partnership (GDHP) to conduct a **virtual pilot to test the technological feasibility of establishing a federated Global Public Trust Repository for digital COVID-19 certificates and beyond** (e.g., childhood immunization records).
- This pilot focuses on **understanding and documenting the technological feasibility of and requirements needed for harmonizing multiple trust networks and platforms that exist today and to provide a repository for all public keys that currently exists using a federated public key directory, in a test environment**.

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# Expected outputs for G20 pilot

- ✓ **Successful testing of integration of the federated public key directory** by G20 countries and interested countries
- ✓ **Successful testing of the interoperability and harmonization** of various trust networks with Universal Verifier Applications
- ✓ Successful execution across **multiple jurisdictions of health policies** (business rules) against COVID-Credentials with Universal Verifier Applications
- ✓ **Detailed report outlining bottlenecks and gaps found during testing**

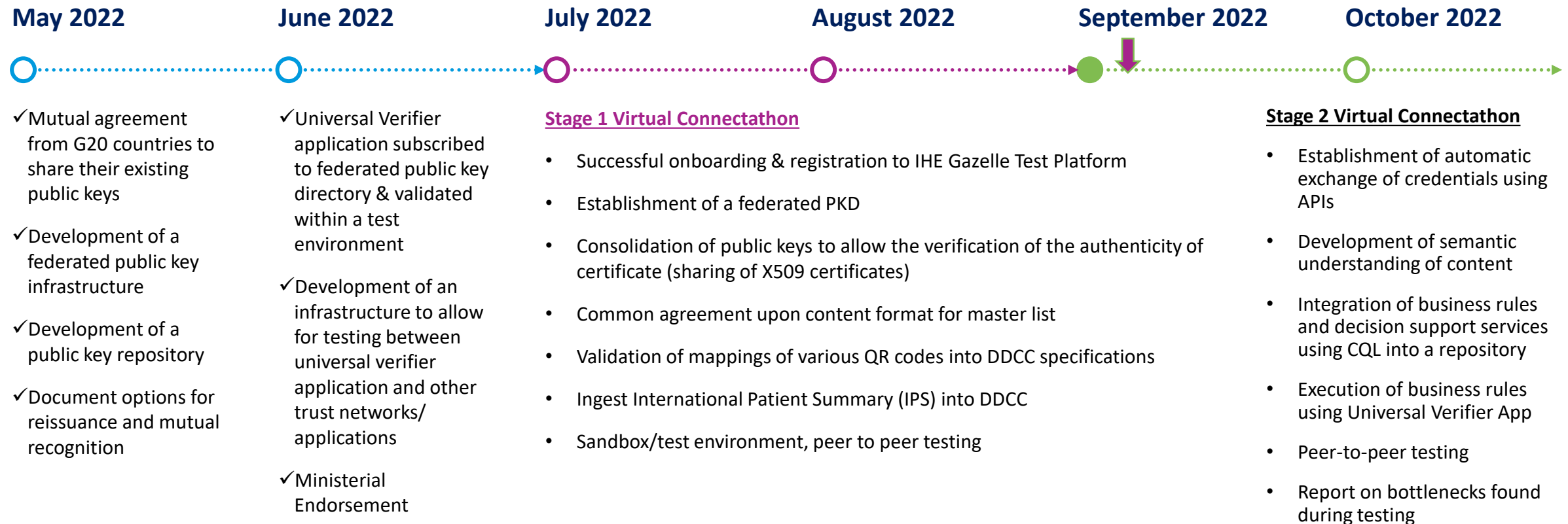
A collaboration between:



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# Timeline for Phase 1 of G20 pilot



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# Thank you

For more information, please contact:  
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