Draft

Projekt
COVID Zertifikat

Technology & integration

Netiquette for this meeting

Identifizieren Sie sich bei Fragen

- Sprechende schalten Mikrofon ein
- Nichtsprechende schalten Videokamera und Mikrofon aus

Sprachen

- Deutsch / Französisch / Englisch

Fragen:

- Bitte die Hand heben und Frage formulieren

Identifiez-vous en cas de questions

- Les haut-parleurs allument le microphone
- Les non-parleurs éteignent la caméra vidéo et le microphone

Langues

- Allemand / Français / Anglais

Questions:

- Veuillez lever la main et formuler une question lorsque vous y êtes invité

COVID certificate properties

A COVID certificate can be obtained in three different situations		
Inocculated *Vaccination certificate*	**Cured** *Recovery certificate*	**Tested** *Test certificate*

	Inocculated	Cured	Tested
Description	Issued if a person has been completely vaccinated	Issued if a person has been infected with Sars-CoV-2 and has been cured	Issued if a person has been tested negative
Criteria	These will be specified by Ordinance of the Federal Council		
Duration of validity	180 days after last vaccine	10 days after positive test until 180 days after positive test	PCR: 72h after sample taken Antigen: Not yet clear if acceptable (EU)
CAVE	All business rules are subject to change		

API

Onboarding primary systems

HOWTO become a system integrator using the API ?

If you are a primary system integrator, you can follow the following steps in order to use the generation and revocation API:

1. Indicate your interest to Covid-Zertifikat@bag.admin.ch.

2. Receive a test PKI certificate of the type "SwissGov Regular CA 01" from FOITT so that the primary system integration can be developed and tested.

3. Sign an agreement with FOITT. This is a condition for receiving a production PKI certificate of the type "SwissGov Regular CA 01".

4. If the test is successful and an agreement is signed, receive a production PKI certificate of the type "SwissGov Regular CA 01" from FOITT in order to generate official swiss covid certificates.

5. REST API is free of charge.

6. Batch processing is possible, but please avoid to request more than 2 covid certificates per second. In case of doubts, contact us with Covid-Zertifikat@bag.admin.ch.

Link

Onboarding authorized user

- In order to generate an one time password, you need to be onboarded and have a CH-LOGIN/HIN/(TRUSTID) identity.

API documentation

Swiss Covid Certificate - Documents

This repository is the landing page of the technical documentation of the swiss covid certificate.

API Doc

API Scripts

API CLI

Data examples

Meeting documents

20210520 - Presentation technology and integration

References

Information about covid certificate delivered by swiss Federal Office of Public Health (FOPH)

Link

Script demo

API access management

- If you use HIN or TRUSTID identities in your primary system, please contact us to discuss **integration patterns** without OneTime password.

- OneTime password (OTP/JWT) validity is **12 hours**.

- For the automated generation and delivery of **test covid certificate**, a solution will be proposed next week.

Future features

- API and Web management UI extension **to print and deliver the covid certificate per post** (logistic by Federal Office for Buildings and Logistics)

- API, Web management UI and Holder app extension to **deliver the covid certificate electronically** in a secure way

- **Web form** to allow citizen **to request a recovery covid certificate**. If the person is identified in the «Meldesystem», the recovery covid certificate can be delivered by the mentioned new features.

- **Easy copy/paste function** in order to transfer data from primary system to Web Management UI

Roadmap «Covid Zertifikat»
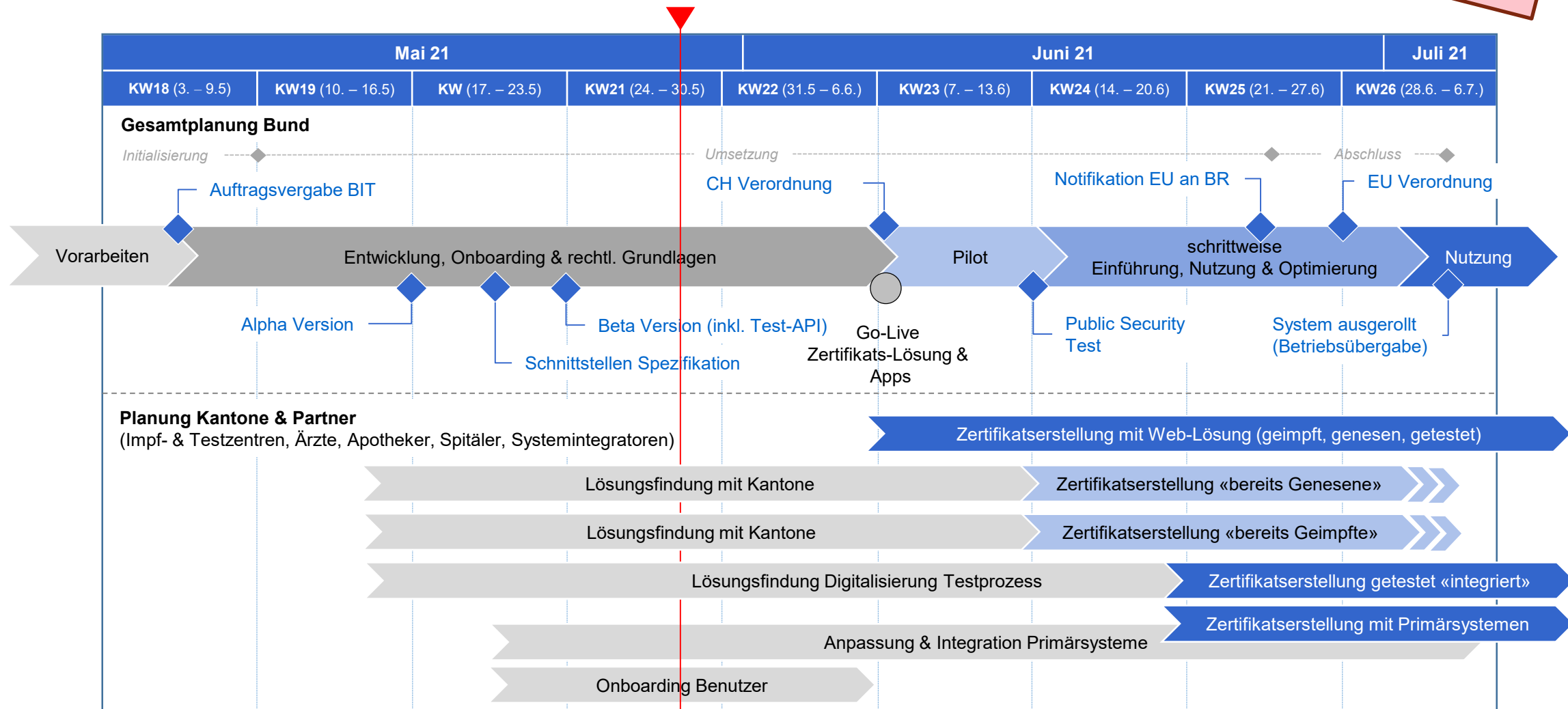
Q & A

Cu next week and thanks for your collaboration

Write to: Covid-Zertifikat@bag.admin.ch