



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

Draft

A COVID certificate can be obtained in three different situations

	<b>Inoculated</b> <i>Vaccination certificate</i>	<b>Cured</b> <i>Recovery certificate</i>	<b>Tested</b> <i>Test certificate</i>
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 ?


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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](mailto: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](mailto:Covid-Zertifikat@bag.admin.ch).

[Link](#)



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Schweizerische Eidgenossenschaft  
 Confédération suisse  
 Confederazione Svizzera  
 Confederaziun svizra

Covid-Zertifikat

Dashboard

Neues Zertifikat erstellen

Zertifikat sperren

OTP generieren

# Neues OTP generieren

Sie können hier einen Geheimschlüssel erzeugen und in die Zwischenablage kopieren.


Geheimschlüssel erzeugen

## Geheimschlüssel

```

eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJqdGkiOiI
xN2RjOGVIMC01NjFiLTQ4MzUtOGRkYi0yOWMwMTM5
NjY0OWMiLCJpc3MiOiJodHRwczovL2NvdmlkY2VydGlm
aWNhdGUiYWwWdWVudC1hLmJhZy5hZG1pbj5jaC
lmlhdC16MTYyMjA1ODM0MCIwImJmljoxNjlyMDU4Mz
QwLjZzY29wZSI6ImNvdmlkY2VydG9yZWZ0aW91liwid
XNlckV4dElkIjo1NTY3NTA0IiwiaWRwcz291cmNlIjo1RS1JR
CBDSC1MT0dJTiIsInR5cCI6ImF1dGhtYWNoaW5lK2p3d
C1slmV4cCI6MTYyMjEwMTU0MH0.QVycwD7PYZByDS
LvHz-
TcConbfVLNfP5jyJHX_WO4hnE718woD24pSYmZpoMJ
6t_FEUS0Y5SeSIALH-
JEUtkTifw6TnVUW211YuhRT8igzMsT-9Sw4HU1_o-Gr
ANQNGsDUc7TjAAISglXM8zPRSUlhPtyxjhqy5gMgDiKvu
VOJZLa1UTRBPJp9L2dtgpyvHADLjg4z4KEhH6NNDc8v
W7RIOJX7Bf_KiCSwMS5dq9kuiQLsarKK8Azlq9hebf8W
Krq16tJYMINW6Gm8lvdzlp4z9D7wWZTXP_ljihMzqfueW
y2WlWmkH4krUzSvppw5v3T7knPCTjMwBzyJOPrAg

```

In die Zwischenablage kopieren 



# API documentation

## 🔗 Swiss Covid Certificate - Documents

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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

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[20210520 - Presentation technology and integration](#)

## References

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[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.



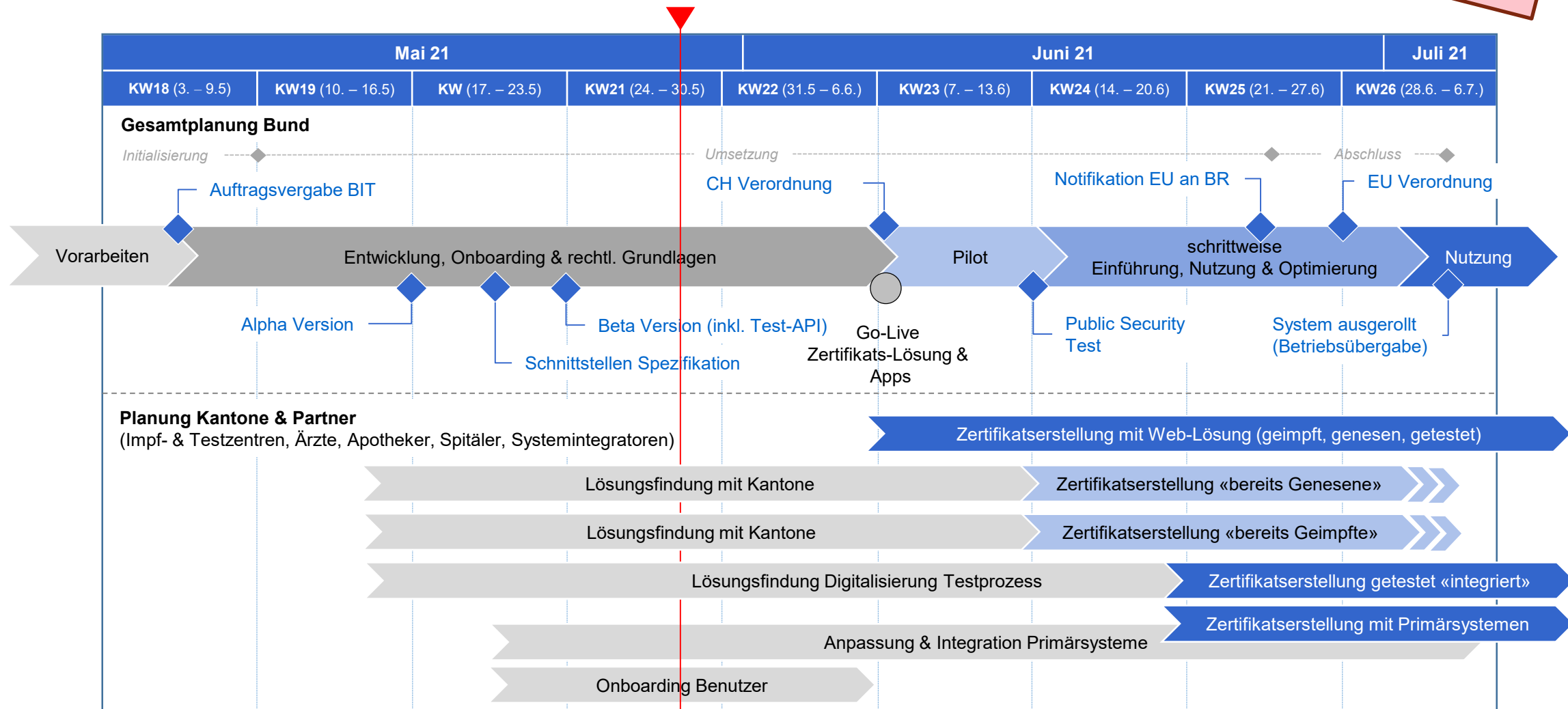
# Future features

- 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»

Subject to change



**Q & A**

Cu next week and thanks for your  
collaboration

Write to: [Covid-Zertifikat@bag.admin.ch](mailto:Covid-Zertifikat@bag.admin.ch)