GLOSSARY

Bluetooth, *Bluetooth Low Energy*	Wireless standard that enables smartphones to exchange data over short distances. The advanced → **Bluetooth Low Energy** standard, which minimizes impact on battery strength, is used for → **exposure logging** in the → **CWA.**
chain of infection	A series of infections in which one person infects another, who in turn infects a third person.
corona *COVID-19* *SARS-CoV-2*	Commonly used term for the → **SARS-CoV-2 virus** and → **COVID-19,** the lung disease it causes.
corona warn system	Messages and notifications that the → **Corona-Warn-App** uses to notify persons about → **exposure** to → **infected persons.**
Corona-Warn-App *CWA*	A mobile app for entering lab tests and for→ **exposure notification** of persons who have had an → **exposure.** By using the app, you will help to break → **infection chains** at an early stage.
coronavirus *SARS-CoV-2*	Commonly used term for → **SARS-CoV-2**, a pathogen from the family of → **coronaviruses,** which can cause the → **COVID-19** lung disease.
COVID-19	The lung disease caused by the novel → **SARS-CoV-2 coronavirus.**
CWA	Abbreviation for the → **Corona-Warn-App**
diagnosis key	Name for a random device key (→ **random ID**) from a → **person diagnosed with corona-virus** after that person verified their positive → **test result** in the → **CWA.**
encounter	Any contact with → **CWA** users that results in the exchange and storage of → **random Bluetooth IDs** on the involved smartphones. The → **CWA** does not notify you of every encounter, but instead only of → **exposures.**
exposure	A → **positive encounter** that meets certain criteria regarding duration, distance, and infectiousness of the → **infected person.** Based on the aggregated → **risk score** of all → **exposures,** the → **risk of infection** is determined and displayed in the → **CWA** as your → **risk status.** Exposures may entail a low risk (→ **exposure** with low risk) or an increased risk. The → **CWA** uses → **exposure notifications** to notify you of potential → **exposures.**

exposure check *encounter check*	Daily retrieval of the → **exposure log** and matching with the → **reporting of positive test results** from other → **CWA** users. The aim of the exposure check is to identify → **exposures** that result in → **reporting of positive test results** and possibly an update of your → **risk status.** During the exposure check, the → **risk score** is calculated, which in turn indicates the → **risk of infection** and is reflected in your → **risk status** in the → **CWA.** The following factors are considered in the → **exposure check:** • The distance with which you had an → **exposure** to a person diagnosed with → **coronavirus** • The duration of the → **exposure** to a person diagnosed with → **coronavirus** • The estimated, day-specific → **risk of transmission** of an → **exposure** to a person diagnosed with → **coronavirus**
exposure log	List of → **random Bluetooth IDs** that have been received and stored temporarily in the → **operating system storage.** The → **exposure log** is read within the → **exposure logging** process during the → **exposure check.** All → **random Bluetooth IDs** that are more than 14 days old are deleted automatically. App users can also delete the full → **exposure log** at any time. If the → **CWA** is deleted, the → **exposure log** is deleted automatically.
exposure logging	The ongoing transmission and receipt of → **random Bluetooth IDs** (→ **random IDs**) that are stored in the → **exposure log.**
exposure notification	Display of → **exposures** in the → **CWA.**
exposure with low risk	Exposure for which the calculated → **risk score** does not imply an increased → **risk of infection.** → **Exposures** are ranked as → **exposures with low risk** when at least one of the following criteria applies: • The encounters were brief overall. • All the encounters took place at a distance. • The estimated → **transmission risk** of the → **infected persons** is ranked as low. You will find a detailed description of the parameters for calculating the → **risk score** on Github under https://github.com/corona-warn-app/cwa-documentation/blob/master/translations/cwa-risk-assessment.de.md.
hotline *technical hotline* *verification hotline*	Phone-based information and counseling service. There are two hotlines for the → **CWA:** • A technical → **hotline** (0800 7540001), which you can call if you experience problems using the app or encounter malfunctions • A verification hotline (0800 7540002), where you can request a → **teleTAN** to → **verify** your positive test in the app
infected person *person diagnosed with coronavirus*	A person who has been directly diagnosed (through PCR, for example) as having been infected with → **coronavirus** based on a recognized lab test.
infectious	Temporary capacity of a person to infect another person with → **coronavirus.**
isolation *quarantine*	Avoiding encounters with others. When used in the context of a person who is suspected of having been exposed, this is also called → **“quarantine”.**

laboratory	A facility that tests → **coronavirus** samples and provides you with a trustworthy → **test result.** The → **laboratory** is obligated to maintain doctor-patient confidentiality.
operating system	Program that controls the basic functions of a smartphone. Apple (iOS) and Google (Android) both provide the → **exposure log** function in their respective operating systems. The → **CWA** uses this function for → **exposure logging.**
operating system storage	A specially protected data store in the → **operating system** where the → **exposure log** is stored.
period logged	Period used to calculate the → **risk of infection.** The calculation can only be performed for the periods during which → **exposure logging** was active. The logging period is a maximum of 14 days.
person diagnosed with coronavirus *infected person*	Person who has been directly diagnosed (through PCR, for example) as having the → **SARS-CoV-2 coronavirus** based on a recognized lab test.
positive encounter	An encounter with an → **infected person** who has shared their positive → **test result** with others through the → **CWA.** In addition to → **exposures,** encounters that do not pose any relevant risk because they only took place a greater distance are also included in → **positive encounters.**
public health authority	Official or municipal authority under state law and part of the public health system. Under the reporting obligations specified in Section 7 of the German infection protection law (IfSG), the public health authority usually receives the personal data of a person diagnosed with → **coronavirus** from the head of the laboratory.
QR code	A unique code that is printed on the sheet of paper that accompanies a sample, which enables you to register a → **coronavirus** test in the → **CWA.** The result of a test registered in this manner is already verified and is retrieved and displayed by the → **CWA** automatically.
random Bluetooth ID *Bluetooth ID constantly changing* *distance keys* *receiver key* *sender key* *rolling proximity identifier* *rotating proximity identifier*	Unique keys that are generated several times per hour, which are derived from the random device key and exchanged between nearby smartphones.

random ID
random device key
Bluetooth ID

Umbrella term for the following two types of unique keys:

1. → random device key, which is generated each day
2. → random Bluetooth ID, which is derived cryptographically from the → **random device key** several times per hour

→ **Random IDs** cannot be traced back to a specific person and are deleted automatically when they are 14 days old.

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random device key
daily key

Unique key that is generated each day and used to derive new → **random Bluetooth IDs** several times per hour. An → **infected person** can release their → **random device keys** from the last 14 days as → diagnosis keys, to notify others of their → **exposure** to a → **person diagnosed with coronavirus** through the → **reporting of a positive test result.**

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reporting of positive risk result

Release and upload of the random device keys (→ **random IDs**) from up to the last 14 days to the → **CWA** server, where they are used as → **diagnosis keys** in the → **exposure check.** The → **infected person** must initiate the reporting of their positive test result to exposure notification.

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risk
risk of infection
risk of transmission

The word → **"risk"** has two different meanings in the → **CWA:**

1. The → **risk of infection** describes the probability that a person has been infected with → **coronavirus,** as determined by the app.
2. The → **risk of transmission** describes the probability that a → **person diagnosed with coronavirus** has infected their contacts with → **coronavirus.**

NB: There is no difference between → **"risk"** and "probability" here, which means the more or less serious consequences of an infection are not included in the risk assessment.

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risk of infection
individual indicated risk

The probability of having been infected with → **coronavirus** identified by the → **CWA.** The → **risk status** in the → **CWA** notifies you of your → **risk of infection.**

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risk score

Value calculated over the course of a calendar day that indicates the → **risk of infection** and is reflected in your → **risk status** in the → **CWA.** The → **risk score** is calculated based on → **positive encounters** during the → **exposure check.** You will find detailed information about the calculation of → **risk scores** on Github under https://github.com/corona-warn-app/cwa-documentation/blob/master/translations/cwa-risk-assessment.de.md.

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risk status

A value that indicates the → **risk of infection.** The following → **risk statuses** are possible:

- Unknown → **risk:** The → **risk of infection** cannot be calculated yet, because → **exposure logging** has not been active long enough.
- Low → **risk:** You have not had any → positive encounters or you have had one or more → **positive encounters** that were either very short and at great distance or for which the assumed → **risk of transmission** is low (→ **exposure with low risk**)
- Increase → **risk:** You have had one or more → **positive encounters.** The analysis of the relevant parameters (duration of exposure, distance, assumed infectiousness) revealed an increased → **risk.**

SARS-CoV-2 *corona*	Official name of the novel → **coronavirus** that can trigger the → **COVID-19** sickness.
smartphone	A mobile phone on which the → **CWA** can be installed.
TAN	A human-readable transaction number that can be used to verify a positive → **test result** (that is, a → **coronavirus** diagnosis) in the → **CWA.**
teleTAN	A → **TAN** issued by the → **verification** hotline (0800 7540002) that makes is possible to verify a positive → **test result** (that is, a → **coronavirus** diagnosis) in the → **CWA.**
test registration	Inputting a test to the → **CWA** using a → **QR code.** The result of a test registered this way is already verified, which means if you have a positive → **test result** (that is, you are diagnosed with → **coronavirus**), the → **random device keys** from the last 14 days can be released and others can be warned through → **reporting of a positive test result.**
test result	The result of a lab test to diagnose → **coronavirus,** which is provided as a finding after medical evaluation.
transmission risk *infectiousness*	The day-specific → **risk** that the → **CWA** calculates based on the → **diagnosis keys** of → **persons diagnosed with coronavirus** and that is included in calculation of the → **risk score.**
verification	Confirmation of a positive → **test result** (that is, diagnosis with → **coronavirus**). If the automatic transmission of the → **test result** in the → **CWA** is not possible, via → **QR code,** for example, then the → **test result** can be verified by entering a → **TAN** or → **teleTAN.**