



Hedera™ Hashgraph

Certificate of Blockchain Proof

Powered by **Proven**^{DB}

public-hts-report-final-2021-02-08.pdf

Hedera Hashgraph (email user: contact@hedera.com)

This certificate constitutes proof that a document has been anchored to a Blockchain using the Hedera Hashgraph Protocol on [Tue, 09 Feb 2021 09:21:35 GMT](#) thereby proving that the document existed in its current form on the date at which the Blockchain entry was created.

You can use this proof to attest that:

- (a) the document has not been altered in any way.
- (b) the document existed in its current form on the specified date.



An online version of this proof can be found at:

<https://app.provencdb.com/app/document/share/7c5a8f41f066c4ad9aadd92fe36355c993c8c50d300dfe662c1a05dd2427727ae4f11177f0522c208a338c097ceb1822608e35d2ceec15ac37e489bbabf70ec6a575b6a872f3203282bd8e53d5ae41ca8c402b35fcc3d45e7455ed99a9a354786f9b038da3a03ea432a17711a748bea4934cbbc5922d3a5c642dcb43c2f70f30f4fcce35c830d35be95106bb07f29/compliance>



Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: contact@hedera.com) at Tue, 09 Feb 2021 09:21:33 GMT

The document name when hashed was "public-hts-report-final-2021-02-08.pdf"

You can view a copy of this document [here](#)
(permissions may be required to view the document)

The cryptographic hash of the document is:
ec82d486c4ed35c9832380e495a4d39d74fcc6b997fcca31cdadd6ebe200b92f

See Schedule 1 for details of the hashing algorithm employed.

Blockchain proof details

The document hash was included within the Hedera Hashgraph proof at <https://explorer.kabuto.sh/mainnet/transaction/79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0>

See Schedule 2 for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0](https://explorer.kabuto.sh/mainnet/transaction/79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0) at: Tue, 09 Feb 2021 09:21:35 GMT

Summary

The document *public-hts-report-final-2021-02-08.pdf* with hash value *ec82d486c4ed35c9832380e495a4d39d74fcc6b997fcca31cdadd6ebe200b92f* was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: contact@hedera.com) at: Tue, 09 Feb 2021 09:21:35 GMT. Providing that the document continues to hash to that value, you can be certain that the document existed in its current form on or before that date.

Schedule 1: Document hashing

The document hash of `ec82d486c4ed35c9832380e495a4d39d74fcc6b997fcca31cdadd6ebe200b92f` was obtained by performing a [SHA-2 256 bit](#) hash on the document [here](#) (permission may be required to view this document).

The hash was calculated on the document and its metadata as stored in the ProvenDB system.

You can download a copy of the document and its metadata (permissions required) [here](#). You can independently validate the document proof by using the open source validation tool at <https://app.provencdb.com/homepage/downloads>.

Schedule 2: Hedera Hashgraph proof

The Hedera Hashgraph proof uses a Trie structure for linking data to the public Blockchain. It aggregates multiple hash values into a single hash value which is then placed on the Blockchain. The following Hedera Hashgraph proof proves that the hash value of

`ec82d486c4ed35c9832380e495a4d39d74fcc6b997fcca31cdadd6ebe200b92f`

is associated with the root hash placed on the Hedera Hashgraph Blockchain in transaction

<https://explorer.kabuto.sh/mainnet/transaction/79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0>

This proof can be downloaded (permissions required) [here](#)

Below is a binary representation of the Blockchain proof

```
eJy0ID1uHEYShfcUG2+wKcXu+umuUkRgr7DRJtz66+UAFleYGWmtkHbiVLqBLBmSDcOR4dD3GMCHMSjKgoSBEwNOq/C+fq8br7/
+4cr2V5ebvLzZZh3/mdYAg+MsRPms99IzQ1hnYGAF6RFFP7+X7J/6k83hUA/KSzv8BA36WYOzpv9u+hj6Y+T/
fMTHdvcn8ffKP8K/853dxFXtX3757bV5Xf94m36Z27h8WLze3u5//
dVf715dHy9qFZaQVi0r9znVCWOUKwtlaAkDiA1byKstsQaT1bl3nCP93X2zvX27v7lz4HH3ane8oLFS0do7KpJUFh9IKy1KHm2RexLULUtwtZAsk
+UJUzAHmWfA6+PF+RhTSsG6WQn5hzSRnajbDOQtTFaoKEQIkrmKok2gVoLrdAToDbMBiC9Z6mPRYleZIXZV1fHBstgqrfoGtGXFnlYd57YB2I/
ARrTclgdWnOvOWxZDnVx60hJg7X5HCFcbdCctVBQZ4wFWR0HnNwhp3qzZVGIDrCEes6urfPymixY4ibQB8ss8W7eG5jlrD4U0k+AXuY1mua0tGVzp
goI4GwSNKOJsg7PVVPJMosirVakzqrUoBNgHzO6DjBZzdTdqPKyc0W0ATODZ6W3jFrcPWGaztac1cOp8NQhiscCccmAnDNoCupaGWt4CAYzAAcL
9ZbNKcF5cE8GEnJe4+RRSppPQAdWSZQCCbZo6EvapOFAfXaRpkt8Jvhgp+xEa/
RhOe3UIZUq9RjLsa1wXajJTealcxMolnBQR18UsMwNBqmnVnls30K/NDL4z/ui3lVWTu7fGKbm5s6XN43dLv7pKov7t4+zPYvvrwv3aTx/90XTmH
W1nXgd5H95pc98nllnMCISyboFXUiAnEJhdDRimgO87KlgGuwA1ykcPQsB6sZKu9ebrb7F8cX14dDrf7x+fnD0c/ut1tt8v8uh5ttufPardZz88/j3D
+lzs7PL+t12HX7y5ie3OoLw6//G7y/7jJR9vd/87jyjY3t9vNzeH8Gb4XfP+vjm397/
p8aJCIEIGUCVYqCCgtCJlo0TNSStiuOpcEYY90jJHed03XWH9FgAA//++lgCo
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/app/document/share/9a07d4807b3236e415dcd9f3ad16a4a051aa6610277095c86522f0942210c0b9385830f842ef0d676cb3977aff650eff7b73db9353c8f82dfdd30c2d97de99695fb4a9e645ced292b931d3cb4df0bc62f2cb736a3e33852320cad8d59a4926b8854460aabcac6e6763ba501b4d59185f3c45d01ad4f3d6ebff6a559c4ea078a561f28ae97fcf8653a9a1974a4a7bb8/compliance>

Hedera Hashgraph

<https://www.hedera.com/>

Blockchain transaction:

[79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0](https://app.provencdb.com/transaction/79fd76baea1963b161be75eb2414afb5d24e8fa729ee4045428a75e52cce883bb37ed0dc2b92502df4b269ca1c594af0)

Open source validation tool:

<https://app.provencdb.com/homepage/downloads>