



Certificate of Blockchain Proof

voucher-OQNQNVRL-tpus-687544.pdf

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

This certificate constitutes proof that a document has been anchored to a Blockchain using the Hedera Hashgraph Protocol on [Mon, 02 Jan 2023 01:30:33 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.provendb.com/cv/e485d-63b233afef9a8dc0c0fd5dcc-ufqyx3mjgvp3baul14ck7jsy-563357/cv2>



Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: docusign@hedera.com) at [Mon, 02 Jan 2023 01:30:23 GMT](#)

The document name when hashed was "voucher-OQNQNVRL-tpus-687544.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:
`8bd9081fb77fdbc218bf2601d8b780815f072c38bc829bf628e28898a6123131`

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://app.dragonglass.me/hedera/search?q=4d00743467fd23df97874c220facad53ab0d154d0a23901de914e25ef2594c25f067ee1c5d51d5d7f51ddeed29cca3db>

See [Schedule 2](#) for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [4d00743467fd23df97874c220facad53ab0d154d0a23901de914e25ef2594c25f067ee1c5d51d5d7f51ddeed29cca3db](#) at: [Mon, 02 Jan 2023 01:30:33 GMT](#)

Summary

The document `voucher-OQNQNVRL-tpus-687544.pdf` with hash value `8bd9081fb77fdbc218bf2601d8b780815f072c38bc829bf628e28898a6123131` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: docusign@hedera.com) at: [Mon, 02 Jan 2023 01:30:33 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 `8bd9081fb77fdbc218bf2601d8b780815f072c38bc829bf628e28898a6123131` 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

`8bd9081fb77fdbc218bf2601d8b780815f072c38bc829bf628e28898a6123131`

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

<https://app.dragonglass.me/hedera/search?q=4d00743467fd23df97874c220facad53ab0d154d0a23901de914e25ef2594c25f067ee1c5d51d5d7f51dfeed29cca3db>

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

Below is a binary representation of the Blockchain proof

```
eJy0k7+uW1UTxV/IK77W1zOz/8zMrA7EK1DRmL1nZuMjOT6WfRjIeUNDe1PSQYISEKJCLyH3wb50kSgKxok2jVn/c7aWlrf/Lxtp
+1m8o3Nxzj/3xtQsmlrEy0rxNBVSzRW1KgFeTeL/Nuj5fS8P5uWJa7OTVt+JaC0AlwBfQp4m+A2pc/e92Pb2zZOr1+9mQ+nb+
+/253viD2wJZRkHhmVyBs7UJUVUGxyNO2esMKQyISmYN1CsSvxSOX++/nw7rRtKyr1EcgmBljZrbSsFTTXQKcILgMCFIZwdyHOuTRtGBIHhBZ072
mEPgFCCyDykgb9D4odJTWzJ2ziXOxWkWiZukMY4BVStSZul4eaPYESDk1yayJU7IMjEW6UQbkYIQ5c6eSS0ngJauKp5yz1B5aGdWdngADhGKoDc
pdA7AQ1agigwQ4p5YdlfMwgCxrK1i1EFSaqhy4r8Cf9i1HrtfDt43PtmWtmrqr3r+30XehsexbZ61ab+PZX05z8cPH156fbh/d9VOD1//
+OE6+fnz7HBjKysPp+RDWTgbEYxmzUtqHRxLdmiUFNBDMQeVGFQ0G5UBISPQihf04jwulUU4qVIL3t8+P06nh/Pr7blcTrfr9fXXN4fjPI/
Wd3EzsesXcZzGy/Xfn7D+z5MtLw/xxtru/Z3N+yW+Wn7/M+SXafKb+fjF2rZt2h/mab+sX6RHw0+ffJTeXIZ2vpPuCoKjM4/
uRih9UAV06SwgWAYwWZJuQtpHJQkSUWkVkwHWCj/vez/4v931x/tO+/wgAAP//ChFkfw==
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/cv/e485d-63b233afef9a8dc0c0fd5dcc-ufqyx3mjgvp3baul14ck7jsy-563357/cv2>

Hedera Hashgraph

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

Blockchain transaction:

4d00743467fd23df97874c220facad53ab0d154d0a23901de914e25ef2594c25f067ee1c5d51d5d7f51ddeed29cca3db

Open source validation tool:

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