



Certificate of Blockchain Proof

voucher-THQOU4ES-617484.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 [Fri, 07 Oct 2022 23:32:46 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/6175e-6340b70c3a28db0ecfb180e3-ufqyx3mjgvp3baul14ck7jsy-488576/cv2>



Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: docusign@hedera.com) at [Fri, 07 Oct 2022 23:32:28 GMT](#)

The document name when hashed was "voucher-THQOU4ES-617484.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:
`cf64fd2f1192bddf81468bc28257337893a9c6f41451de5d00024fffab20b3ed`

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=cdbea5c3bb6ca9c3a649737823f1858177b070a694ed1c295a205cfbb1976dcf8765aac297f14bd9436a069a55f9b96c>

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

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [cdbea5c3bb6ca9c3a649737823f1858177b070a694ed1c295a205cfbb1976dcf8765aac297f14bd9436a069a55f9b96c](#) at: [Fri, 07 Oct 2022 23:32:46 GMT](#)

Summary

The document `voucher-THQOU4ES-617484.pdf` with hash value `cf64fd2f1192bddf81468bc28257337893a9c6f41451de5d00024fffab20b3ed` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: docusign@hedera.com) at: [Fri, 07 Oct 2022 23:32:46 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 `cf64fd2f1192bddf81468bc28257337893a9c6f41451de5d00024fffab20b3ed` 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

`cf64fd2f1192bddf81468bc28257337893a9c6f41451de5d00024fffab20b3ed`

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

<https://app.dragonglass.me/hedera/search?q=cdbea5c3bb6ca9c3a649737823f1858177b070a694ed1c295a205cfbb1976dcf8765aac297f14bd9436a069a55f9b96c>

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

Below is a binary representation of the Blockchain proof

```
eJy0kbFuVDsQhI/IFrdrD0ee+xUke4r30o2e8fjGfZImz2rc04CKQMNbVLRQoISEKJCILzHvg3abliClhok2rH/b35/fn295HG5PRJLaA3M+wK1NcseU64
CGSKFQLkELpIMPUBfNDbnHKCZcQVXg7ZP08yia4t133T7d2MHQaLMJJc4817LjAPYDBhYoVURxa93kfGkHnfTpPvkqgc4ABm3s0c/
QvhMMAhvp8e8NIPv4nfJX+Fv60Dr2Wp4+XL9yuuuvq8aXXReInsD676zfjm/01qe0SSxfIETSJjSa5gUt9AlaI5dcVZptoyEGLkwl7Rm2qJvrUaTMv5u3
5zMy55BjHdAR2rA2gRl4nWaqDFojakSiieKEpKOWvCXMMZOUkQoBJQsqpe5AkQMHBGKoFCEHTk4+4f0XmKAomQKkSMMbgWsZTcAiLmVLuk8q
U1eAJUI0GtiAHWos5HgKQpZ4PsCANj84XQxDnMTgQ4qyWDHJOWQoEeA+/1bv/a+V1q04EXx9yt1zotdqL74ZHxi/Ob/
Wy8eHU9nW30Snj14f5a17b/S6vKUUKtSbhI4IS7hRmC+RyzJ6qOHKeC2rxAiQwuitXqC6UmlilFZoFC5rG2giGxS4VjtFJLkuuToRsvtpfLadqMh/
P5fvXBZuh747rSg66fn+rQ2dn857fM/3Sz2yPp150+mL796PY8d02gH57NZcndetN362l+Gu60ffznYfQ9AAD//4YSS9s=
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/cv/6175e-6340b70c3a28db0ecfb180e3-ufqyx3mjgvp3baul14ck7jsy-488576/cv2>

Hedera Hashgraph

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

Blockchain transaction:

[cd5ea5c3bb6ca9c3a649737823f1858177b070a694ed1c295a205cfbb1976dcf8765aac297f14bd9436a069a55f9b96c](https://hedera.com/blockchain-mainnet/transaction/cd5ea5c3bb6ca9c3a649737823f1858177b070a694ed1c295a205cfbb1976dcf8765aac297f14bd9436a069a55f9b96c)

Open source validation tool:

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