



## Certificate of Blockchain Proof

2023-11-08 (Singapore) - Council Meeting Minutes  
(final).docx (1).pdf

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

This certificate constitutes proof that a document has been anchored to a Blockchain using the Hedera Hashgraph Protocol on [Wed, 21 Feb 2024 22:26:24 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/77982-65d676fa17c8484a3c80b087-ufqyx3mjgvp3baul14ck7jsy-569647/cv2>



## Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: [docusign@hedera.com](mailto:docusign@hedera.com)) at [Wed, 21 Feb 2024 22:19:38 GMT](#)

The document name when hashed was "2023-11-08 (Singapore) - Council Meeting Minutes (final).docx (1).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:  
`27fc1787d0a683ca1e4e329a23625dc2134701fe4274e742078a6fc5f8877942`

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://hashscan.io/mainnet/transaction/0.0.4105370-1708554373-559854515>

See *Schedule 2* for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [0.0.4105370@1708554373.559854515](#) at: [Wed, 21 Feb 2024 22:26:24 GMT](#)

## Summary

The document *2023-11-08 (Singapore) - Council Meeting Minutes (final).docx (1).pdf* with hash value `27fc1787d0a683ca1e4e329a23625dc2134701fe4274e742078a6fc5f8877942` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: [docusign@hedera.com](mailto:docusign@hedera.com)) at: [Wed, 21 Feb 2024 22:26:24 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 `27fc1787d0a683ca1e4e329a23625dc2134701fe4274e742078a6fc5f8877942` 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

`27fc1787d0a683ca1e4e329a23625dc2134701fe4274e742078a6fc5f8877942`

is associated with the root hash placed on the Hedera Hashgraph Blockchain in transaction <https://hashscan.io/mainnet/transaction/0.0.4105370-1708554373-559854515>

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

## Below is a binary representation of the Blockchain proof

```
eJyc1L+O20UQB3CegjoFrc87/3evOgmJJ6CisWZndrGli32yHf6UBw1teIQoASEqBAI72GJh0HmoiQni4b2N5rPb1a73/nh1fHbu/Hrp2vfbO92m
+3x1doP69MN2gywallcK4XD4EHYHEIRMHClrcAcjMbDGItV1xkyazVrjL+dmdUmV9tdjtMn6QUpJBZRmywARIs44Vygow/
MHjH4z39bDs/6083xOB46V378AwvyouAC4XPEa9Rr5C/e8bHb/0/+3Plf/Ju+922sx+HH736+9T5uf7/LvspdrB4KL3d3h78/+vj
+xf50wxnRErhy5aiHE0cMnrLXh20kTYrZjaJZwcAK1mNsbdwBhv3P+3uXh/WvkDR
+xe3pxur6V0NaJhWbaP2biy9cKesLG0I9sqho4mAeunqLj5qFokmWi7AUSqO2Wli9zYKCKIOrXViLcbknNCMZ5TCtUSg1zF1YhUdrRnZY3B/
ukGqBXz6TBM+DzAmuHXvpFPEcMyqrjhKmb0yiiCrollSjTmgX4BZmk/2SIBeS0CH3ju2KVAERzJrVTQO6a0pOQtVbGyD24N8AUKod83BCVI6T+wcM
6tUYgqQKUKMpt1dgyuN0qigGEVPh6Xl1KzQ4UBmDSFUssYwoJNqBmAycDI7IEICcJDJmmXqYVhVEW4nNAhGjCAaY4COGRWt8ltR7Qew2Yjz4H
pPAKEs2XP3oaRahiFX4Ay++xUszRDiGY6rXoDQW0uYEH91oaDNCCnyrR0rt5bSllB5lsjs4qQxYyGDgMia7c5pJpgix7di5I6lVILaivsXMw12eqEVnq9m
FDVYzaKaY6BKq0TaJ2KjStwySm1xFQgwoAJ5r210c2qqFHURw/7bS5PT87BXl8ce1899c12046rc0J3+w+i+vz+9c03w/
Pvf3lb3eTpSbkqVwxFyMoNWKkiTEZXlq0KC8irZ/vN4fnps/XxeHe9XN7uwm/Xu8PxGqCUsnz82+UH2uK9tnivnTfty/DbNzex2x7HN8e/
zvDhern8mjZ5tdt/uYx3e3j5Ff0TAAD//8ROy44=
```

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### Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/cv/77982-65d676fa17c8484a3c80b087-ufqyx3mjgvp3baul14ck7jsy-569647/cv2>

Hedera Hashgraph

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

Blockchain transaction:

[0.0.4105370@1708554373.559854515](https://hedera.com/blockchain-mainnet/transaction/0.0.4105370@1708554373.559854515)

Open source validation tool:

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