



## Certificate of Blockchain Proof

2023-09-13 Council Meeting Minutes final  
(approved).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 [Tue, 24 Oct 2023 12:46:55 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/5d8c4-6537bcb85f6955fe63b4c84a-ufqyx3mjgvp3baul14ck7jsy-569641/cv2>



## Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: [docusign@hedera.com](mailto:docusign@hedera.com)) at [Tue, 24 Oct 2023 12:46:48 GMT](#)

The document name when hashed was "2023-09-13 Council Meeting Minutes final (approved).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:  
`a32510741f4c949f49ba833991c1f08e528c0eb8301006972c13fa5b23574cce`

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/0.0.2013012-1698151604-476145388>

See *Schedule 2* for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [0.0.2013012@1698151604.476145388](#) at: [Tue, 24 Oct 2023 12:46:55 GMT](#)

## Summary

The document *2023-09-13 Council Meeting Minutes final (approved).pdf* with hash value `a32510741f4c949f49ba833991c1f08e528c0eb8301006972c13fa5b23574cce` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: [docusign@hedera.com](mailto:docusign@hedera.com)) at: [Tue, 24 Oct 2023 12:46:55 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 `a32510741f4c949f49ba833991c1f08e528c0eb8301006972c13fa5b23574cce` 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

`a32510741f4c949f49ba833991c1f08e528c0eb8301006972c13fa5b23574cce` is associated with the root hash placed on the Hedera Hashgraph Blockchain in transaction <https://hashscan.io/mainnet/transaction/0.0.2013012-1698151604-476145388>

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

## Below is a binary representation of the Blockchain proof

```
eJyM0720I0UQB/BXuYDU6/rsrt5oJSSegljE6q6uxpZ8Hsszx0e4kJAuMQncojsQIkKEvIffBnnvtCyskC6tqf11Bf//d39u67zdzK/  
ay92yRN8cph6buvxBQLxCWJF8inQt6Vr1s98ednd949MpzH/1CsSuvnlrukKMsqpMY0WValBv7iH/5S9//h//tp3qwbcxf//Nz/  
vaYv/7sbdNn3zz7sPr6Tj/cPvj/nwzejFV74IK7n0QSQ6vQTVDCNYGlrVA59CuFpQ4DBMPHT1xgoS3P03HNN/  
O2rkjTA5hGowENGo2WbGQI04qRCfNgS51ZwdqI0iTCcQi9a1EaKZcWYs/  
AEVBH65ddVvWmfYr1alxdeTgYkSKU2ktWasijKQvW4SLVs9XnF7oBc2IELTfaU9QsQGbsDlpyEwVukFofxThXKRy5S  
+ohhBbxDCThapILZ2YXyKjWnAQwq1PKkhupqDJ0IVKss4hYalFSxtI7PQMDjGIUHystBKASpUhmngwyycJWOJctwADFwp2ox0iDTFKVzk/  
B9wE4v7gkYBs9TnXzsu40h1g2lyhMpyeZuLt982423317v3x9jNde97+8X9v18wu4gisCZEC6wVQMFRPllESeomx2/+q0m+/On2yX5Xi9Xu8nr/vtNC/  
XiAcw/vf76yfa6h9t9ai9vfHpsMRXy18Xb75er7/kXb+aTp+vfvt3h+000yZrL/jh1F8/  
fhzdX6pyvqI8SUyWHOJFypDSqjGXgo4DLJTMIZoxIEAqmRx5VG3EmsU9Hkt6afKHlftVAAAA//+jWkyF
```

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

Document being proven:

<https://app.provencdb.com/cv/5d8c4-6537bcb85f6955fe63b4c84a-ufqyx3mjgvp3baul14ck7jsy-569641/cv2>

Hedera Hashgraph

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

Blockchain transaction:

[0.0.2013012@1698151604.476145388](https://hedera.com/blockchain-mainnet/transaction/0.0.2013012@1698151604.476145388)

Open source validation tool:

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