



Hedera™ Hashgraph

Certificate of Blockchain Proof

Powered by **Proven^{DB}**

council-meeting-2019-09-10.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 [Mon, 21 Dec 2020 12:51:47 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/3bda195abbc4ead4e46f6356a0b95fe3402d07eedb3fe62d9f7dfa81b25dba426e4493f2bcfb4e8aaa9a86a616bc4e21da5ed2c418e9a7c59cabb61f0057a1105b7b7b315eb848f0a0d725aae97858123ea572c02ac3b3f824d6fdbcb44491815667ccde7eb97d32d69d317c95a84adc9e316ba005ad5a4d74edab19784a5b466e1a5582a509478db8216c11b698e5/compliance>



Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: contact@hedera.com) at *Mon, 21 Dec 2020 12:51:44 GMT*

The document name when hashed was "council-meeting-2019-09-10.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:
`2bf0a48aec33cd9bca3811301ed1b1cf849bb3286426abe52755e9c992f62a28`

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/586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9>

See *Schedule 2* for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction
`586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9` at: *Mon, 21 Dec 2020 12:51:47 GMT*

Summary

The document *council-meeting-2019-09-10.pdf* with hash value `2bf0a48aec33cd9bca3811301ed1b1cf849bb3286426abe52755e9c992f62a28` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: contact@hedera.com) at: *Mon, 21 Dec 2020 12:51:47 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 `2bf0a48aec33cd9bca3811301ed1b1cf849bb3286426abe52755e9c992f62a28` 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

`2bf0a48aec33cd9bca3811301ed1b1cf849bb3286426abe52755e9c992f62a28`

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

<https://explorer.kabuto.sh/mainnet/transaction/586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9>

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

Below is a binary representation of the Blockchain proof

```
eJy0IEGum0UMxzKEB2DBNs3YHnvGXT2JK7BiE+wZm0R6TaIkLXT5YMO2vUHqY0IsUlsUckDoNeX6kogQ0SW3+ff/
Obsf7+9qe1HderzVxtDzPOH08rSIPHYnTIBUDowghzgYYW0H2MqL++aTk+9keb0ynu01d2+gULlgXgAuFTwlcMD2v77B1+7A7/EX/X
+W/4136w7VjH8fnX31+bx/XP++mruRur+w8vd/vj7x98ePPI+nwFTXIEEfKYSj6sQmZwYUurbiwSqsoFYiJx1zC0GI6aGtRpcvPdbv/
quLYFsty80JyvelCW0jKNPUchE6eCKJrVo+BAHSUCZk0KKYmBYrJSjVIEEPkCWM11UBb0GpHT1JLkKkEKFWRJpWp2kUPDOv4t0sMFGvQ8bxaJcAJ
F6AUvL2bhacYkEa250kswNI7uYYJSS3isyYxWpkyZRZIBfGIYwaH0qKIlncue0s7QqWr3ytAwLIA5wkoZj1tYrwMwsJDHbBVCo9F50zrSW5NageG2U
VmAWaaOzWhortAkKrUxuRYVGZWFecglsojqGYyUYiH0SGvpMkdKapkJRmy7YKQXZOzcqOlGsuU2ywwz8MBbJUyevOgEOsWzrB11rUahA0jXQnTUF
06VB0RC0KjUkw/
mZ4fb5CwNaA3bvwwqG7dhA2zzpbSq44hopN0ymwJrQOHSXWUnpIRPC8MC46eLiMGs1VhaCOiic4KUGcJAhMXzBy9c7gSleXM6pSW/f2hvl3R
+a07HK1jxsFWj2yz3cZpdReo3eEvyXp28+q+dnz2ze3p6T5eDrv+4e1vm3n+nLu4YVoU0G7cJtBMkKm1IKJzqGgjlciZq
+GoStq9wZhwWbOFfp1ZoDBXQuFRoV6BbJiq63jw+b47Pz8/XptD8+XC7vj36wP
+x2aX4dDza75ZM4bPLp8v27LP9vs9dXY7c9xVen3/50+51288Hu8MVyrG2z3e8229PyCb15th8/eVe6vVt
+5yv0LFa7xSAaU30YdQC6203gMLJXdSfsUIHMG7Exhw5VTEHD/kcAAAD//+4g36c=
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provodb.com/app/document/share/c389adffb3db6f413dd48dbc59ffffcfb41538c6e882a2952af0858bb7a5e0c0e7ac398d7db87269f43542c550ea4332b08bcabf2ef266b7baee551a15fb8ed5fc6e94e80899de1fa4cbbd087ef838180a6b6d227e4159525d3c7f0fb7daaf6891b39ab89c2888751e9e111c53f8750b315dd397804d098e087811126574b0d9a6ab18ff910ce57caa7b05536d9d4/compliance>

Hedera Hashgraph

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

Blockchain transaction:

[586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9](https://app.provodb.com/app/transaction/586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9)

Open source validation tool:

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