



Hedera™ Hashgraph

Certificate of Blockchain Proof

Powered by **Proven**^{DB}

council-meeting-2019-10-10.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/8c95ab40e889d7f3a354a74a9e2ccf4f5d653af0d6fb8b146fa9f9c8afdb2f0e5ea83684c546bd36dbd012bb7f8704abc6fc4d5790c8c89f65335e923f90fa882d729e8b3cd4bd7efed4da9429938f6a75b348cc5d4f8d5bf6c41880205586cd38f19495efe17b51d750297ab0212b77be87bfa36ae94b97065dc9e301395237dcd3c2eed058e6389197df119e4624/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-2019-10-10.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:
`9a866d86a5da80606a90965c218fc3fe8f2fb87f78544f747dee86945474842c`

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-2019-10-10.pdf` with hash value `9a866d86a5da80606a90965c218fc3fe8f2fb87f78544f747dee86945474842c` 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 `9a866d86a5da80606a90965c218fc3fe8f2fb87f78544f747dee86945474842c` 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

`9a866d86a5da80606a90965c218fc3fe8f2fb87f78544f747dee86945474842c`

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

```
eJy0VL2uG0QT/R7iewAKWsc7s/O3qa7EK1DRmNmdHWzpxrZsJ5Ay0NAmbwAJSkCICiHyHpZ4GOR7Q0QwNEi0Mzpnz
+7Zc77+ce3H9WoTq7E7zPOH4QXr4LEY1ngBMNvCK+YCHX1i9DEm/XIHOT7ujzan07xHrvz0MxYsC8AFwseADxkekn7yph9809bz
+OLL7269z9uf9tFXsRur+8XL3f742//+/-yb2/ONF+91KkekCAhxp1IHsQl4M6LRNkbWsbKFqScYug6b3Vs1G/
js293+9XHtC2S5l6zKAh8SNlm4qg0W9MCOQdH1GKMUlcgUmQ0crSuruDW2SP+Qng435D3NmoWTpozW5tnLUNKLVWtvaVT1AYFo9VulgY+2C/if
BSf5YoQqxXw9Axl8tJlJrh271WSWXGmiQvOUrIbITOSCEWNNWmd06NcKCRzUokGr0jPZ2DCKkjTqxOE5fULICb2K4ghSI4DILFVm6BWh1GJWWkS6
Zu2uUDppTS8QRXQYN0/nBhrQQEuwliYX2zojImtCldbG6EgVBqJFRcd+cbiyotmxQmkcXtJqC3l21Fhy1JmJzSYO/MQWYkPDFNcAhhp69QjTCqjQraJ
vZe20piF0MShuTSgPIKj16tsgoCpw7yY8qLu5sGNsAlpRG00kRW0hoQlqwNOF0oql5JwcVwoLDssuYw5mJ2HQMAdKCwKgKLOCsxfMHGY8e6sV
a0ZSr+lp75vyNkbnDy45Ws+YB1898s1200+rS6B2hz8l6/mz1/ez4/OvXj0+bI7Pzy/Wp9P++HC5vF882B92u/R
+Ox9sds8n87DjP8v3aZds0h3TZ4FmzhpQl0GiUSmlxWjStDYJTiLHqa02pW4K00cXVOIMYuTaoU4wLgRaC5jP5la9vTo93c+Xw2+/f3uBTZw//
a8PfxMzdtvT/OL06x8P8nndxIPd4bPIWPtmu99ttqfIk3on7oeP3o1eXcrvfnPCrMLEOdyKFPFwMvBAsBw1pyVmN001JkoljTINGjEpGeF4V7vbXfzL2r
Og/6l2fw8AAP//g1TemQ==
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provendb.com/app/document/share/2f0ef383eaf2bb8a77028974bd79396f7999633fc0a612249335dbf55c00d4142e4aa902aab87eff75a88181efb2ff52a721f8a2bad1c72da0ac57ac008b800bf4432a9223aded45fcf6e0c163272379c7fa13f1602570a2e27e77b11af369d9baf86b820ed99b4485c748d564c27a079fc7293ad540134df3e109b9926234d27b1fab96c497c5438b3f6f28498ff2/compliance>

Hedera Hashgraph

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

Blockchain transaction:

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

Open source validation tool:

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