



# Hedera™ Hashgraph

## Certificate of Blockchain Proof

Powered by **Proven**<sup>DB</sup>

council-meeting-2019-05-17.pdf

Hedera Hashgraph (email user: [contact@hedera.com](mailto: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/f56f94e2e7b319265d44a9a6ebffbe15adb5f315365a478d0a0d9359fd9527a95bd0a158fff5858885d70d18da7e73cbc99f3bd18c664ab0910af83cdf4fbfc335d0bf9fd445823556e8bdc7efa5706d36d825313ecfbb5923299feca4f0bf2ad79a0f956663d74bf3d98c453be420922acb8273f48c8f3c18ff739b3995779f0582f57077ac626708549c240bc4a0/compliance>



## Details of the document being proved

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

The document name when hashed was "council-meeting-2019-05-17.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:  
`a0ab3e75ddf661645b403c45861a9844c97de73d80d054bf182a7c8eba9388c2`

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-2019-05-17.pdf` with hash value `a0ab3e75ddf661645b403c45861a9844c97de73d80d054bf182a7c8eba9388c2` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: [contact@hedera.com](mailto: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 `a0ab3e75ddf661645b403c45861a9844c97de73d80d054bf182a7c8eba9388c2` 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

`a0ab3e75ddf661645b403c45861a9844c97de73d80d054bf182a7c8eba9388c2`

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

```
eJy0LL+um0UTxr+L+C6Agtbxzuz821RH4haoaMzszg62dGJbthNleaChTe4gJCgBISpEyX1Y4mKQc0JEZGiQaOd957fP7jzPfpvT2o/
r1SZW213M88fhBevgsRjWeAEw28lr5gldfWLOMSb9+rbl+Lg/2px0875z5adfsGBZAC4QPgV8yPCQ9LP3+LE7/Ev8pfOf8G/6wbdjPY/Pv/7+1vu8/
XkffRW7sbr/8HK3P/7+v//fvTicb5qbSjg4h1uRIIt5KEx4llqPmtMTspqnGRKmkMadJlyYllxx33+32r49rXyDL3Yvb801VFpDgQco2E0el2ZoWyDk4ohZjh
DoEkSKjkaN1dQW3zh6BHwIP5xvy3kbNwklzZnjzrGVIqaVqsrd0itqYLTaTcTAB3s1Gz6Kz3IFxGoFPD1Dmbx0mQmu3XuVZFaeKCs5TsRsiMJEJR
o9aZE/q1QgIHtWjQqvRMNjaMoiSNOnF4Tp9QeUKvojiC1AggMkuVGXoFIFrMSotl16zdFUonrekFoog04+bp3EADGmgJ1tKkDuLOiOUaqNLaGB2pwk
C0q0jYl0WKassGpXl0QaspyN1Ya8FRayl2lzT4m6FAFhK+TA1wiJtnrxCNsCrNctpm9l5bCmlXg9LgPnJAuQpOvbINAqoC927Cg7qbCzsmhaYYtTFE
WtQWEpqqBjxdqKNYSs7JcaWw4LDsMuZgdhIGHXOqtCAiijruHTBzGHGs7dasWYk9Zqe9uFQ3sXo/NEIR
+sZ8+CrR77ZbudpdQnU7vCXZD27e31fOz775tXp6X6+HH77w7vfNnH+nE26Y/
os0MxZA2okSDQqpbQYtZrWJsFJ5Dio1abUTWH66llqnUmMXDvUCcaFQGsB85ncsLdXjw+b47Pz8/XptD8+XC7vj36wP+x26f12PtjSlk/mYZNPlx/
eZflfK3tzM3bb0/zq9Nuf2r6sm3iw03yxHGvfbPe7zfa0fLFPtuPn7wvbovs/ONF+91KsfFuSDEncrF9CbgzYhG05haw0uOpp5g6Dpsdm+XdYB/
BAAA//8MM96f
```

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

Document being proven:

<https://app.provendb.com/app/document/share/e8032ea8a778823479a2ca3f429701bb3c154f1b4ea745b159d734e4dbd29b8fd5c03b3f014281063ea2dcabf4621214ff4dcddd9db775d418d3b40b0a618f5fb9d850542ef9b9635670376d66e6d2ad58d90f84d36cdab5fe5fe298235e0f9161445164c9488b505de67ab5a5f06fef4e6f5e2803d20fa21a05f4f340e4a32afeff5ddab0d879befd2d90e87880/compliance>

Hedera Hashgraph

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

Blockchain transaction:

[586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9](https://www.hedera.com/blockchain/transaction/586ba2fae0198a57d13df16d940009dc9697396d5f44a2c493974b871eacb6276b54684a7b13e18504173018aef592b9)

Open source validation tool:

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