



Hedera™ Hashgraph

Certificate of Blockchain Proof

Powered by **Proven**^{DB}

council-meeting-2019-12-11.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/01881e8f6d623e2648789b1f90a79b1af2150d3de5eb58e6e5eb9c390f17b0a26b4330ce40533cd045c8fe441d34b3b00fa3524821b66100fc76b4ab725d18b3b91bc575ed2865cd3331e172a16a02a4a9bf4d0a4b2f0e05e07a7d1e80d5d8cd5ecf0f0dd2767b992b2f4d41332da3c70d5b3a969e3fa5c1b14a4452312c08ead507a23b5d98fe68b80f8132ed6a5d/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-2019-12-11.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:
6a7e0e23406e69d6d5fdcc9c7e6c9cc8c2c5b8026ea6b457aaa100159c4885a

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-2019-12-11.pdf* with hash value
6a7e0e23406e69d6d5fdcc9c7e6c9cc8c2c5b8026ea6b457aaa100159c4885a 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 [6a7e0e23406e69d6d5fdcc9c7e6c9cc8c2c5b8026ea6b457aaa100159c4885a](#) 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

[6a7e0e23406e69d6d5fdcc9c7e6c9cc8c2c5b8026ea6b457aaa100159c4885a](#)

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

```
eJy0IEGuW1UMhIkEC2DANM2xj+1z3NGT2AljJsE+xyaRXpMoSQsdFIZM2x1Ai1oQYoQYso9ILAalr1Q8liQmTH19v/vbvw//7W9rO65Xx8f
+aHM6xVxtdzNWdvoVC5YF4ALhU8CHDA+pffbz297NXI3dlc4fTytYB4/F6MoLgNCFVcwFGlrg9DGC/om/vPlv+Dd+s01Yx/HF1z/cmsftL/
vpq7kbq7sHL3f74x8ffPjsu8P5hirpKMORsVfV6KE0AiAZCyKIYDEIQ
+eRpeMok7I0IHXA2rE9+363f31c2wJZ3gK7MIWB6jFsTurJAqpurWtlJ7WOFom9WeVexKGJVR45IUIS+33g7fkGQ4Bm1azQmxVoqo2T6gRTdFctHN
rYh3UQFayjkcRFBid4syuFWHsBS8vZmKy4RII1N6+SzA0ju5hgJLLeCZmRRGjWWWtkgF8BicG9amgVTyT03ecpZEoOfG0DAuoH0BVGo5JrRPAzCx
VYI7vUGrpeicaS2rW4Pi1GpagVmkjc5qaazQJii0MrkVITqInRHLNbcJ6hiOVGEg9InR0GeKINY0FYradMFeU5C9c6sFR62JqCbZ4XpkgywkbN0Zclh1
S68wlbA2igpNI92rpiC6dCg6gopC4yoY7frKgK0Bu3fhQW7dhA2TZkvppG0I6Kw6ZbaE1oHDhBylp2QEzyuFBUDPlxGD2UgY2ohoopMAA.JaoYOKCma
N3DtdaseZM8pqW/f5R3tno/NHFR+uYcbDVI9tst3FaXQy1O/zNWc+fVb6rHZ9/8+r0dB8vh93+
+K5tM8+fcxc3TIsC2o3bhDoTZCqVUnQOFW1VZXISGQ7Ssqo28NwgbLtjEmaSTNYca0LkQtFqgWyQrur56fNgcN59frE+n/
fHhcn36Qf7w26X5rfxYLNbPonDjp8u78+y/L+VvbkZu+0pvjr9/pe2L+tmPtgdvliOtW22+91me1o+qW/X9tMn70uvLuF3vhFrUQrFQm5/
AqccwwdLWToGH3gY08FJUyucJmFQSnAOqh3tvexe8nm/xa7fwYAAP//dMTC6Q==
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provodb.com/app/document/share/4bba1cc84b73d3ea99183b751dc59c8c5013264c4e6862207f073e3a89d01e6e57575e1cddb473ef31940133762fd8025cd7c0acc76b0533dbb22f3d3f2e51c77987d8bb0335120a655207e9429713b75eedcc0c25f423cc6c0eeb9972528914364b523588e25acd405a787b08ddfecdb9aee5f76f8f474bcd64a6bd4b880cfe9d5ccbc87748340132ce1fadcba8da/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>