



Hedera™ Hashgraph

Certificate of Blockchain Proof

Powered by **Proven**^{DB}

council-meeting-2019-02-19.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/149882efaeaadd359142cf633138c923e92e44082ee486e0f51cf9e68ccab7dfdb305ad4ea716b469778041ed3fcd9004814ad590aac260219ce8f7ae58a5e292e3697542e7a33a7c19e8dd4f1dea03f5fe54b6a97be06565858f368e2cc23f6c304c092a5aa1eaa279f2f259735a4ebb02e95df1426e5d5595191963c8f642781164b16131fb86b5900aade4f411/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-2019-02-19.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:
`12fe0e96133ab38f072e0f8b714f41fd4569644aa201a150d32569d8de6a8e4a`

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-2019-02-19.pdf` with hash value `12fe0e96133ab38f072e0f8b714f41fd4569644aa201a150d32569d8de6a8e4a` 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 `12fe0e96133ab38f072e0f8b714f41fd4569644aa201a150d32569d8de6a8e4a` 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

`12fe0e96133ab38f072e0f8b714f41fd4569644aa201a150d32569d8de6a8e4a`

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

```
eJy0k7Gu3EUPxb+H+B6AgnazY8/YY6e6Eq9ARbN4xja70s3+V7ubQMqEhjZ5A0hQAKJUiJL3WImHQtc3RIpWNEi0Z3x+c2zL373e2ml7uQHMKKEM
tdqokqVjlJTRoWWD9Eas3JoZFjCg4hWJ1cWDTaLZL3eYzc43+8Xj8qlbwTpprqYorQBCV1YxV2hogT7mjPb7O8vp8Xi005/
j3rmx829YsKwAVwifAz4keNj6Fx/wcZn+S/yd85/wb8fR9nMbp5fPxy2H05//+/+z728vN6VJEIKvODiJC
+TsM1XJRYRTqU92mJGd0VEmVZWoSa2MwNLGsx+Ww5vT1ZI/A7IAFamJKsPHQjMYnUplA6RPEpgOmTDIoVdBFzBdAcLBW9XAExGJpXzQrSr
UBX7ZStOpjiGKqFQjuNaQKsjHX2xiFKjRJGt4+Bx8sNVilgaemdmpXBkWB92KicRB0jhY0xSskhDYmwMTevXmtkwLgCtgYGVXvBK49MEhL00htrG43
cMiygUsCo3HF669IAPLNUdu9XQK5FpKh7Ws86rEMZrde0Al64TyG1NFLoDgg90PWixGejQYjIjGthZdc6BrcJEfK9o0DyZS+
+aCkXNB6PUZKQh1GvBWWsiqnEKXLdskKUXmQwCnGxiOSq4Nqy9RYWukWNUtUYcLFB0RisKnSpj9OstA/YONIIYwzTZMjMkwM/dkaTons3pVZ
+8JXYDCuA1kSc4l8qeBafk4BmTyBoT9BnRWb0BNC9RwXgwZk4RiqG1Yk3PNmpaysdL+fHWrtz+evCx8WVu7i/p
+b16+eRO3obH0TaPblffx3lz974c3xfenduLZ2/utdOLb1+fnx7i1bTbn96X7fzyJQkPw7QooGLUHoonsGsrpahPZe1V2SlbM5xNq/
Y2pEPYHlydBzWWZn1ADRAqDXotlBZJikNfPz7uTi8uL7fn8+H0cL2+//rB4bgsaeM2HuyW9ZM47vLp+uNe1v91src3c9mf45vzH39n+7ru/MFy/
Go9t7bbH5bd/rx+Ut+N7efPPkh/BQAA//88gtyn
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/app/document/share/0e0e570190c6e277394b9a15533217fd778830a29a186d7a966af4f4d7ddaca6726640daf5830190c48f2c9eca8bfdd24f6af94c2b1594d2f7c83d548482e006dba1c1634fc442697c7983060032ff804812515887ba09a36727d1e461a5a89bfcc5f740c729bcb1e08da7492a4c49aa177c44bc0c776f7244e58155cad8f85aed5066f82373c6063cc20fa49c1220/compliance>

Hedera Hashgraph

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

Blockchain transaction:

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

Open source validation tool:

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