



Certificate of Blockchain Proof

Terrapass.Certificate.Q3.2022.pdf

Hedera Hashgraph (email user: docusign@hedera.com)

This certificate constitutes proof that a document has been anchored to a Blockchain using the Hedera Hashgraph Protocol on [Thu, 15 Sep 2022 00:11:41 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.provendb.com/cv/d9a8b-63226b20169fdc3d02cef01e-ufqyx3mjgvp3baul14ck7jsy-468101/cv2>



Details of the document being proved

The document was uploaded by Hedera Hashgraph (email user: docusign@hedera.com) at *Thu, 15 Sep 2022 00:00:32 GMT*

The document name when hashed was "Terrapass.Certificate.Q3.2022.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:
7e8ce847202f011189e1552c7effcb8f1544afca8f430826f82af43dfbd754e9

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://app.dragonglass.me/hedera/search?q=313cdc88b9ba19e8226947f1d36aca2e2dd5fbb1a189f48a7008604206a6f7bb4121c9909e807bf6f07a33a3887f256b>

See Schedule 2 for a detailed cryptographic proof.

The Hedera Hashgraph proof was anchored to the Blockchain in transaction [313cdc88b9ba19e8226947f1d36aca2e2dd5fbb1a189f48a7008604206a6f7bb4121c9909e807bf6f07a33a3887f256b](https://app.dragonglass.me/hedera/search?q=313cdc88b9ba19e8226947f1d36aca2e2dd5fbb1a189f48a7008604206a6f7bb4121c9909e807bf6f07a33a3887f256b) at: *Thu, 15 Sep 2022 00:11:41 GMT*

Summary

The document *Terrapass.Certificate.Q3.2022.pdf* with hash value `7e8ce847202f011189e1552c7effcb8f1544afca8f430826f82af43dfbd754e9` was anchored to the Hedera Hashgraph Blockchain by Hedera Hashgraph (email user: docusign@hedera.com) at: *Thu, 15 Sep 2022 00:11:41 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 `7e8ce847202f011189e1552c7effcb8f1544afca8f430826f82af43dfbd754e9` 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

`7e8ce847202f011189e1552c7effcb8f1544afca8f430826f82af43dfbd754e9`

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

<https://app.dragonglass.me/hedera/search?q=313cdc88b9ba19e8226947f1d36aca2e2dd5fbb1a189f48a7008604206a6f7bb4121c9909e807bf6f07a33a3887f256b>

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

Below is a binary representation of the Blockchain proof

```
eJy0kbG0m0UQx1+Fgtbn2dnZmdmrLPEKVDRmdnYwf5Ljz7K/BFleNLSXki7kUAJCVliS9/DboMuFKNGJBint7P5/+9/5/fimnezguzi/  
+P6XvbXY/3HsbdtN3z4cvJqP559uXu4vmyxGCUxZHWuq5Ala0IIRJbdS2BkCOWU27rInYa4NMProPSkC3/w8H1+fd7bCwjcvT5dNKSVZZs3es1Dmg  
GjNpYhQgUSca43WS8IsASNRcsrGNppUrpLbx8D9ZQMWgNgLFFobWUUaKTNCFPIsWZVYNJm8AY4IwZm6DwaJHcHwGRsilJzZKzE0gq2hwJk  
hRHFpKGhUrJ0AvVqj0TKXKLYpJq7/gIGKAYo/pAajUgFUQOVh2oIJSNeqpCwwFlwR1NY/  
BALRy1SpYPge98XT67F7aLHifbPrHpcIhle29uPn2g8Pbm9cPsfPvD3fL8GK/c9r++uzb1y9c5Ze  
+u2mqzVEMRuZKM1D0bGwb2XkZryZLWQWoCoAyEwMZDWqOEyWuFGgrSBg8Qy9myqgws306enqbz7eXFblmO5+v1+uHppq+Npnoe1fVxN8/  
pZnKbxfP3xX9afutmbjc+HJb5b/v6327d56lfz6Zu172w6H0fpsKyf5bdr+  
+2L9607nZ13I42EeigJAg5IKWmNVaQ6xBjedKRCZMNNB2VQ5KFog3lfrUuhqL/fY7ZT3x7mHpfPuwFmL75yrWWWUtSVZrwrNLTA3tyD/  
nobOT9tT6ZliYfk1pY/ERBXUFepfAlwndl1pa/e430+/U/8ffK/8P8EAAD//6rQYSo=
```

Schedule 3: List of printable links in the document

Document being proven:

<https://app.provencdb.com/cv/d9a8b-63226b20169fdc3d02cef01e-ufqyx3mjgvp3baul14ck7jsy-468101/cv2>

Hedera Hashgraph

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

Blockchain transaction:

313cdc88b9ba19e8226947f1d36aca2e2dd5fbb1a189f48a7008604206a6f7bb4121c9909e807bf6f07a33a3887f256b

Open source validation tool:

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