Certificate of Blockchain Proof

Workbook1.xlsx

Michael Harrison (google user: mike@southbanksoftware.com)

This certificate constitutes proof that a document has been anchored to the bitcoin blockchain, 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 from on the specified date.

The document was uploaded by Michael Harrison (google user: mike@southbanksoftware.com) at 2019-01-13T00:23:52.696Z

Details of the document being proved

The document name when hashed was *"Workbook1.xlsx"*

You can view a copy of this document at: https://provendocs.com/document/5c3a851807d4c3a8883ca312 (permissions may be required to view the document)

The cryptographic hash of the document is: *e9e08dc86dcd7c790c57d2f22cdd757e4761256b25eb2e18fbc35ea2b3aac10a*

See Schedule 1 for details of the hashing algorithm employed.

Blockchain proof details

The document hash was included within the Chainpoint proof at https://a.chainpoint.org/calendar/2533783/data

See Schedule 2 for a detailed cryptographic proof.

The Chainpoint proof was anchored to the bitcoin blockchain at block 558286 in bitcoin transaction 56aa80f5001c71fec7983afa3d7e9ed8831893df92466d5149af4fc397753da9 at UTC: 2019-01-13T00:23:56.000Z

Summary

The document *Workbook1.xlsx* with hash value *e9e08dc86dcd7c790c57d2f22cdd757e4761256b25eb2e18fbc35ea2b3aac10a* was anchored to the bitcoin blockchain
by Michael Harrison (google user: mike@southbanksoftware.com) at UTC: 2019-01-13T00:23:52.696Z. 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 *e9e08dc86dcd7c790c57d2f22cdd757e4761256b25eb2e18fbc35ea2b3aac10a*
was obtained by performing a SHA-2 256 bit hash on the document at
https://provendocs/documents/5c3a851807d4c3a8883ca312 (permission may be required to view this document).
The hash was calculated on the document and its metadata as stored in the ProvenDocs system.

You can download a copy of the document and its metadata (permissions required) at
https://provendocs/documents/5c3a851807d4c3a8883ca312/download.You can independently validate the hash
by using the
open source hash validation tool at https://provendocs.com/downloads/validateHash.You can also extract the
document from its metadata using this tool.

Schedule 2: Chainpoint proof

Chainpoint is an open standard 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 chainpoint proof proves that the hash value of
e9e08dc86dcd7c790c57d2f22cdd757e4761256b25eb2e18fbc35ea2b3aac10a
is associated with the chainpoint proof placed on the bitcoin blockchain in transaction
56aa80f5001c71fec7983afa3d7e9ed8831893df92466d5149af4fc397753da9

*This proof can be downloaded (permissions required) from https://provendocs.com/
proofs/5c3a851807d4c3a8883ca312*

Below is a binary representation of the Blockchain proof

eJysV71uoMetvfddXFq7HP4NqUrA7S5ueSs3AmdlZgUoq4UkJ05pu0nrlGUax07sGEGAAEHKvleCPEzwSfLaXimAA2TK7wPPHPJwOGd++ddXcfPq/
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GKD9ZvOgEBu7RyNra73J9/76ERzCbA+7vB7vkUVWwiJ4mVs8kCsWqBQzJNociELdotxn7ZDcQdVpDVkdvXyNnTvU1lQfKEzZnYMOHD
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QPj0Je5FePu3354fXFzzWd3L/4Vs5Sc7Lut1xvXLx4CXx0n48vYXXb+qLHZdve/2zT462+Md/vbiv5n+U/lGPWl57duu0AAP3Cuoxw1ocWY0tdoeg+ZaRlA
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hww07KXxBQ8jANPGta4QGSq9G30fGTRhrRKSSZiuO1aCbWO0ZzOu7MzwSXLPKLV1Ge+Ki5ioOs0W1NmXSYkGelea1ggdvtrnmpubneE5lpIIaO7k
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+eHD7977MS783XfMvYN/9h2jH7yFP5z63Xs/xqf/MwAA///7hxn3

Schedule 3: List of printable links in the document

Document being proven:
https://provendocs.com/document/5c3a851807d4c3a8883ca312

Chainpoint.org:
https://chainpoint.org

Chainpoint proof for the document:
https://provendocs/proofs/5c3a851807d4c3a8883ca312

Chainpoint calendar entry for the proven document:
https://a.chainpoint.org/calendar/2533783/data

Bitcoin block containing the proof:
https://live.blockcypher.com/btc/block/558286

Blockchain transaction:
https://live.blockcypher.com/btc/tx/56aa80f5001c71fec7983afa3d7e9ed8831893df92466d5149af4fc397753da9

Open source validation tool:
http://provendocs.com/downloads/validateHash