Certificate of Blockchain Proof

Darwin International Airport to Bitter Springs, Elsey NT - Google Maps.pdf

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.

An online version of this proof can be found at:

https://provendocs.com/proof/5c36b92b2a9cc836f9a50f1d

The document was uploaded by Michael Harrison (google user: mike@southbanksoftware.com) at 2019-01-10T03:16:59.152Z

Details of the document being proved

The document name when hashed was *"Darwin International Airport to Bitter Springs, Elsey NT - Google Maps.pdf"*

You can view a copy of this document at: https://provendocs.com/document/5c36b92b2a9cc836f9a50f1d (permissions may be required to view the document)

The cryptographic hash of the document is: *d2c8eb5ccd7e2a1ddeb94eae438a7dd82fcded589e8bde52a6465d74e5c4ca1e*

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/2517935/data

See Schedule 2 for a detailed cryptographic proof.

The Chainpoint proof was anchored to the bitcoin blockchain at block 557871 in bitcoin transaction 668be3bd8b9129f7ea520896cfb584f2d8d5fb79dade2aa429d1db4bd2763c14 at UTC: 2019-01-10T03:16:59.000Z

Summary

The document *Darwin International Airport to Bitter Springs, Elsey NT - Google Maps.pdf* with hash value *d2c8eb5ccd7e2a1ddeb94eae438a7dd82fcded589e8bde52a6465d74e5c4ca1e* was anchored to the bitcoin blockchain
by Michael Harrison (google user: mike@southbanksoftware.com) at UTC: 2019-01-10T03:16:59.152Z. 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 *d2c8eb5ccd7e2a1ddeb94eae438a7dd82fcded589e8bde52a6465d74e5c4ca1e*
was obtained by performing a SHA-2 256 bit hash on the document at
https://provendocs/documents/5c36b92b2a9cc836f9a50f1d (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/5c36b92b2a9cc836f9a50f1d/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
d2c8eb5ccd7e2a1ddeb94eae438a7dd82fcded589e8bde52a6465d74e5c4ca1e
is associated with the chainpoint proof placed on the bitcoin blockchain in transaction
668be3bd8b9129f7ea520896cfb584f2d8d5fb79dade2aa429d1db4bd2763c14

This proof can be downloaded (permissions required) from https://provendocs.com/
proofs/5c36b92b2a9cc836f9a50f1d

Below is a binary representation of the Blockchain proof

eJyUlz2P39dSx+G9UKG78cyceTizlSUaCkqq21jzdPBKxmvt7oVLGdLQhoISCRJIiBASEqLkfRjxYtB/7TiJdxFwyt/RfM48aeb7+6vvX9bt24f57cN/
vH54eHd//eLFn6+b/uL27k9e1Ou4efvu9ubtw4s/W98+/MW7+eEPPn369nXcv37//sqn2pFS1DQV2TzpPDK8d1r3pVE/
L9tnZIxTKKKm08UIyB888XzKubfvX2tuf97y2kIl3rgCnnrFeL4VXKuK8C14ewy1P73R5P73R5P73+Sf3jw8zAfLV//HwbwToV4BXCH8M6xr1WvzXn/B1e/eIr/
Rf4p0WXgFOeSpc7j7HXYyyfwds1wK+/z7t4W6/n/q//8h/eRM6bf3nX+apv69WHi29u393/zZd/d/+JSPItB8pP7DV1BTtEupuqz6kHlFcuU/
GiPo2TjN2oc1icr78+9t3t92/9t3t3t3t392/zD392/zZd/d/+JSPItB8pP7DV1BTtEupuqz6kHlFcuU/
GiPo2TjN2oc1icr78+9t3392/jisSfQTKJPTydRRGuoBjZS5PlHfdXTZxpBczXthJoLYP7t7JfSnXL4Fv3r+cLXQcZi1sEnJqdV9jfsJ7l/gyik1gpjtw0hs1o/
nQJtwBPwd+9SkxX39MzL/mQ726fLq9+1lu/ut3fv8xGPAdvcug9bCdlG6PzbVSYBHjATK2XC3iUPbYvNOMiPd68CTYKxHonrNKulkpRxlo424gfWlRi
mi2nHoox4MtYwLxsSW6XoCPEPRzRpjiEsklLjH4kThzPIJJJjgcRr1gUFh0aZorbNdJegJsTgolrUimQcrqs7jRN8tKmyQ4Cw43+RISQiORdZDnqA/
Hk4Zlmj299uD2OrFxJvKAkFQvDGwX8g2nSDQEY2ap6R6TpsqaJx6WAac2gl8aUGdvXdE+TSqZA2ARS+0Mw
+iBE0cttGnPygTiJx4uMU5fzEZkjWfD0aMlx44IGWyLI+cSBqYuMNKFB9n2LCkYfQIczTWms9pwi6kOJwtint5EzqKbT/k+7RvNtU8rzThRIjR+HvJ//
u4fAsKHg+t0CfowmYYKEcSWs9v1Bl3UFjMuUJqrFqed3emo2rhYg/FHkgbbAmYgAuqBvcQ0rpM5BM3o2amZEMDLS5RG6xYHDrHiAY/
hHnfnygvDyPmc3doaoLpLcp8zmDOZRdm0mpoGlRZ4cMiSZIwe0kGICEsUpcK6FVw7GzYFDpHdQzJhnfzpHvO2ZrjzotyuxVvcaUT
+3w8QPDZIdIguJTnj07OXutTSgHdNBzZDx6GtbdYznQvrpIMP6RRFgQF3Ik+d9SPtpdS/fCxVFe/
pQ8T69SwEEKeyb28u4l2SNkIVyufDBgforWEZDFsOsvp8gik4xPmpUddEwcBppbCdMy4ZXqGYYphWz
+iigW6x2qtoVpmsQzqXZtbnmGp4mhHFtqzWQSuVHahkwFRrSx0Jpkm+jApRxsFR5l2HlzyN/TIx9zY3ZZZPcIttw8gZKlQZp
+UL00bfgwQpzhpIHtjlodna32XD4zTnSJUSXug0lnEqOobHNqDSl08lkh4x7gACVR5hFe5dbPxj6B3MvTtrTnBK5gY4KFC8wPbrc8ks3CjEk
+xWQ8UI5zmp7zU9bQlhkIxD59uHgd76S9jVbHsQYnoIU4+9JWK1Wa+5RFxarn/BTG7DP7JEXLhlLLy9ioVMXDZny27YVlkLgMZfYoypJLKTc99fPu/
ctKCY5TNApQPbK0lYj1pTw2q1OZrxWWHhsgBUrdrE6Esg8xxwyW2NZrn7soFmDZR67zOCRENJqPRYqm8nnpO6KBcVe1Oc82/Njdonl
+GzsfRETmefkqkp6nCyC51jvnFoYuw4aHPCtVk39hPndhz1///VXj6Lxm3yof/q4+m/6H0VsG377m7ub+6/ff//
Gj6IwvflKbH8RnvJm3HXcvSNB8yYuOh/ioJSrePNUSf3vpjV89isGbvv6/CMnPN96vHqXeo/H/LhOfLCM80WB0aBVr9B5dUpYO68ZgEKRtU
+VYXRVsJyg5U3yzHbbBSWULlKQ+5hv3BQD4j6QWW2oRwZtgLQdL1KojvW6LKx+un+zOFqdD9kKg7VWrEo0MyxYxSMeuqTBRS4PXRbHGc
+AtRfF5/nyS2kE1zUKGzgQ+TVe/08Vva54c/3R4kPCmojNYmmXgQ+Dr8Bte7cw7FFipLO2uyBY09QxtcGm6eDyX7jzec9VvPmp5777+Oz/r
+kE14vLv8B/BwAA///2YyIY

Schedule 3: List of printable links in the document

Document being proven:
https://provendocs.com/document/5c36b92b2a9cc836f9a50f1d

Chainpoint.org:
https://chainpoint.org

Chainpoint proof for the document:
https://provendocs/proofs/5c36b92b2a9cc836f9a50f1d

Chainpoint calendar entry for the proven document:
https://a.chainpoint.org/calendar/2517935/data

Bitcoin block containing the proof:
https://live.blockcypher.com/btc/block/557871

Blockchain transaction:
https://live.blockcypher.com/btc/tx/668be3bd8b9129f7ea520896cfb584f2d8d5fb79dade2aa429d1db4bd2763c14

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