Certificate of Blockchain Proof

Re: [SouthbankSoftware/provendb-proxy] Feature/
Michael Harrison (google user: mike@southbanksoftware.com)
(#224)_2018-12-21T05:16:45.369Z

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/5c1c773dae4129141f618054

The document was uploaded by Michael Harrison (google user: mike@southbanksoftware.com) at 2018-12-21T05:16:45.369Z

Details of the document being proved

The document name when hashed was "Re: [SouthbankSoftware/provendb-proxy] Feature/implement ssl pro 774 (#224)_2018-12-21T05:16:45.369Z"

You can view a copy of this document at: https://provendocs.com/document/5c1c773dae4129141f618054 (permissions may be required to view the document)

The cryptographic hash of the document is:
db980fc9bafda15c83e9bad987b26379ae90d66f9919f438876dfeaaaf23d74c

See Schedule 1 for details of the hashing algorithm employed.

Blockchain proof details

The document hash was included within the chainpointproof at https://a.chainpoint.org/calendar/2420892/data

See Schedule 2 for a detailed cryptographic proof.

The Chainpoint proof was anchored to the bitcoin blockchain at block 554726 in bitcoin transaction 691d463f18ecb62d4183a8d4d58ddb233a3d10274bcce4115a81d12ebf2a4385 at UTC: Fri Dec 21 2018 16:16:45 GMT+1100 (Australian Eastern Daylight Time)

<u>Summary</u>

The document Re: [SouthbankSoftware/provendb-proxy] Feature/implement ssl pro 774 (#224)_2018-12-21T05:16:45.369Z with hash value db980fc9bafda15c83e9bad987b26379ae90d66f9919f438876dfeaaaf23d74c was anchored to the bitcoin blockchain
by Michael Harrison (google user: mike@southbanksoftware.com) at UTC: 2018-12-21T05:16:45.369Z. 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 db980fc9bafda15c83e9bad987b26379ae90d66f9919f438876dfeaaaf23d74c
was obtained by performing a SHA-2 256 bit hash on the document at
https://provendocs/documents/5c1c773dae4129141f618054 (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 reuqired) at
https://provendocs/documents/5c1c773dae4129141f618054/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
db980fc9bafda15c83e9bad987b26379ae90d66f9919f438876dfeaaaf23d74c
is associated with the chainpoint proof placed on the bitcoin blockchain in transaction
691d463f18ecb62d4183a8d4d58ddb233a3d10274bcce4115a81d12ebf2a4385

This proof can be downloaded from https://provendocs.com/proofs/undefined

Below is a binary representation of the chainproof

eJyslz1vb1exxu/9LreMc+ZlrXlxZel2iJIqjbXWvHAsmeMj24FQJmloQ4FoIYGECCEhIUq+hxEfBm3bOSS2UYTELv9/zW8/e+aZpWf94o
+v183r84s8j6vruvs/D9eyCScwsk8Qy0/cs04AlwDz3l711/uSmw/3Ty5ub+uh8nzd/oUA7QTphPBHME9RTod88NW+Xm/idd388pPfXa5dl396m/
s8r+L84Y/Pr97e/Orj31zenZVC5hDeyKhmqhM4MK0IJkvK2JzZpcQVq2HRqp2SuFbBzNKPf3v19sub1+uEpjwAuyRQKZKX6ZrEFtjdzkQ6mkKZ1uz
UqmxM3+Ke2qmEAKnzu8Dru7NBFuQyYJpaWjIHIxH3gkrJ0YxSTDaFCMWJytLTltNYROTfBn760l0/x7o8P/pwdf2thvz60P/
em6us84s89WAop2+PZI/NJ4BdQ8duLX768e/dz+S++Pvn+bTYaRDI9FOcY7L4AD/F09e3t29vTI+9Wu/H63Xx5u3VxZvb96+uf3wa6/L0seK
+TbN7TGg1osE6lpnZxgVAOkfOBmxqVtYBaISitSOWBuMuh+jvyPnyoTk3n336xe3P39bnsS7/8Nivi/zy8vVffHHh9cfPZ23v/
TuKrWJf1Jtf1q8eCV4eD31nzs0+Opv/jf967t81/Vf4BjCYMMqFp3k3k3bGckjHGcp+9hDwuci5YBK19w9gdWcY9Mi8OfAOv62kFFjA8BWUe2aaKLwFfF
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Q5I9jGFMoOOIi8jGioOgklQLS4o5pIaqpgkPbQl2gpkDDacpT0XZFqWxgAhw2di2ZbZJW2Okqu0cyLxxreQW38pGQINss2qGNTjOVvE2QEJgEp
+xIDmgtQ2MlISLICJpDctR231Xm
+xyH0zbXGPYdKFe1o8PEDx5iGQRHAP6oZG5jXdNBXSV5Ti8sQew2dRdlckjYu7lTbJCF0HAyllutuKb2mNYXz8O6+QjujcAHesYh/FmhYMgzawsH
4CrU7PHIpyTfLSVY1u0NIxJTtWyxzPm5d3ZagZGbmSR8EU9o0aN4aug2lf4thEg6u0SGXurx5SlnRNGyYvMdDbfM7B4H0slh7jFjh1lS1eKVPTg7u
BBSCmZqe4ltA34ReagwYAiRwNHbKuKjlYz6D0Bt2ttMh/GY809cVTIQDKGlEXzJaZPm56lZVoEZF6zaIThHuDtsXCyLuS5h2sSSlqG7UgzdHJ8aUa
60xO91qyJXOAivHgMnMOqmQ2jcLRG41pGU6wjt87c2ebwnHl5d8aDFxeaxtZmnu2N0R1WJLHSIoaMBBoZ6rR1F6KazMbeOx5OkqdMIRw8aUq
qD0uyPqy1qrh4jjJn4jWPHVGFcMvkXEQ7nWdPfO6l67uzBbKdqFkWe8jOYMgEllLdQzJxF1bvre2zMwlA2Kdpj2XOz3VeHzqpA6cHyU5FlNLpAgHld
GSiruHLtai4j40VDT20SlMer3iJWYd5ZtOYuVab9b0B20iWqvmUZgw9zoi9lzoQlkvtmHNpeq
+XmMNAeB69AZhxDIPnhF2zA3uQI9danlpmOyce37zXRqqB1jSe6XyaSvZt/CuV/H7OoST/WSgxp1e5btdjLNy38d1Y+NVZXL25rY9u//YN72d8kQ
+cd9hXP+V7PV///7ufvjiSzt1Zbjfo8L06F84wLt8r3XSTsPoqhxRpd/QebKaSXWutJk4d8e6WcITS45bw/ZH06S3hPs6+eEuYH/wzAAD//+Kg78Q=

Schedule 3: List of printable links in the document

Document being proven:
https://provendocs.com/document/5c1c773dae4129141f618054

Chainpoint.org:
https://chainpoint.org

Chainpoint proof for the document:
https://provendocs/proofs/5c1c773dae4129141f618054

Chainpoint calendar entry for the proven document:
https://a.chainpoint.org/calendar/2420892/data

Bitcoin block containing the proof:
https://live.blockcypher.com/btc/block/554726

Blockchain transaction:
https://live.blockcypher.com/btc/tx/691d463f18ecb62d4183a8d4d58ddb233a3d10274bcce4115a81d12ebf2a4385

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