

Fingerprint : 24cbffd04720d69ec3b31622b9362b9c43034ef1f89243aff9a1741951ed53ec

This is the result of the cryptographic hash function SHA256 applied to the document that is certified.

NXT Certificate

On **2023-04-18 04:59:21** UTC the #NXT# blockchain forged the block : **4496179**

It contains the transaction : **15814820589476216889** which contains the following arbitrary message:

24cbffd04720d69ec3b31622b9362b9c43034ef1f89243aff9a1741951ed53ec

This message is the document fingerprint.

The NXT blockchain certify that the arbitrary message was computed prior to the block generation time. But this message is the result of the above formula which is made of the SHA256 hash function applied to the document, so it is physically impossible that the message was obtained in another way. Thus, this is an irrefutable proof that the document existed prior to : **2023-04-18 04:59:21** UTC.

The above can be independantly verifed with: [mynxt.info][blockr.io][NRS]

Bitcoin Certificate

On **2023-04-18 13:42:03** UTC the #Bitcoin# blockchain mined the block : **785955**

It contains the transaction : **c3d3c6210236904e38f35803761ab33cbafea97e0af232f0dd8b45cb4f1d6500** which contains the following OP_RETURN message:

b539d08ea0a2d29c99582259a13340250e1f25366689133623b453ba08cf3201

This string is the result of the following formula :

H(a+Fi)

where:

H is the cryptographic hash function SHA256,

+ is the string concatenation symbol,

Fi is the above mentioned document fingerprint,

a is 75b13e2a3ea0d73a0b2098fc2bcc4d86657ae5336c60933bb699eeb840289d05

The Bitcoin blockchain certify that the OP_RETURN message was computed prior to the block generation time. But this message is the result of the above formula which is made of the SHA256 hash function applied to the document, so it is physically impossible that the message was obtained in another way. Thus, this is an irrefutable proof that the document existed prior to : **2023-04-18 13:42:03** UTC.

The above can be independantly verifed with: [blockchain.info][blockr.io][blocktrail.com]