

**Fingerprint** : a6e2c4820fcda5c2107d7c858a2bd89a46121aa10ddfbf659193c6290ad7a828

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

#### NXT Certificate

On **2022-04-22 04:59:23** UTC the #NXT# blockchain forged the block : **3957884**

It contains the transaction : **6554351177988096094** which contains the following arbitrary message:

**a6e2c4820fcda5c2107d7c858a2bd89a46121aa10ddfbf659193c6290ad7a828**

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 : **2022-04-22 04:59:23** UTC.

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

#### Bitcoin Certificate

On **2022-04-22 12:34:23** UTC the #Bitcoin# blockchain mined the block : **733007**

It contains the transaction : **4d24528431afd2cca6abbfcf48c2de92b013efde805f02a09a164b4ce80c6624** which contains the following OP\_RETURN message:

**ce41f6dcdb12529a618884205a194c9b7c5cbb324dcfdea7d7cf44e91c5e3c80**

This string is the result of the following formula :

**$H(b+H(Fi+a))$**

where:

**H** is the cryptographic hash function SHA256,

**+** is the string concatenation symbol,

**Fi** is the above mentioned document fingerprint,

**a** is a6e2c4820fcda5c2107d7c858a2bd89a46121aa10ddfbf659193c6290ad7a828

**b** is daa984f19235119b456df6395ca6f666347ecff18087e7e30dc83a4dc4cb4111

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 : **2022-04-22 12:34:23** UTC.

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