

HDPC MASTER KEY

This is a forty times forty element matrix of fifty-six bit hexadecimal numbers.

To generate a source key, take a forty-bit number that (in binary) consists of twenty ones and twenty zeroes; this is the source KSV. Add together those twenty rows of the matrix that correspond to the ones in the KSV (with the lowest bit in the KSV corresponding to the first row), taking all elements modulo two to the power of fifty-six; this is the source private key.

To generate a sink key, do the same, but with the transposed matrix.

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1b91b9b73c68f9 f31c6aeef81de6 9a9cc14469a037 a480bc978970a6 997f729d0a1a39
b3b9accda43860 f9d45a5bf64a1d 180a1013ba5023 42b73df2d33112 851f2c4d21b05e
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1d6b501ae0f003 f5a8fcec28092 854349337aa99e 9c669367e08bf1 d9c23474e09f70
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