

Public Vs Private Keys – Litecoin Private Keys 29-10-2025:

Public and Private Keys in Cryptocurrency

Well, private and public keys are integral for public blockchains to operate. In the context of cryptocurrencies, PKC is used to prove that a transaction was signed by the owner of the funds rather than the result of forgery.

So how does that fit into the blockchain tech you already know about? And what on earth does “signing” a transaction entail? Let’s refresh ourselves on how public and private keys work in crypto wallets first.

Public and Private Keys in Crypto Wallets

Typically, crypto wallets each use a private and public key. To clarify, your public key can be shared with anyone. Conversely, your private key is the code that will allow anyone access to the funds stored at that public address. But actually, there’s a little more to it than that.

What Are Private Keys?

Private keys are at the base of every blockchain account, and necessary for even the simplest of actions. For starters, when people say they “own” cryptocurrencies, what they really own is the private key to the wallet that stores those assets. To clarify, cryptocurrencies are always stored on the blockchain network, not within a crypto wallet itself. Instead, you own the private key that allows access to the account.

This private key unlocks the right for its owner to spend the associated cryptocurrencies. However, should anyone get hold of it, it would also grant them access to your account. That’s why – as the name suggests – it should remain private. There’s only one private key to your account and it functions as your private password only you should know.

However, your private key doesn’t just grant access to funds, it controls the whole basis of how your crypto wallet works and how you interact with other accounts. Most crypto wallets will actually use your private key to create your public key. While they provide the basis for peer-to-peer transfer of value, crypto wallets have evolved to do much more. Today, there are countless different types of wallets, each using this technology slightly differently.

Litecoin Private Keys

LgevMshEWr6gkLmg4r67WBMMvjuTGfFQJ3	T6emAsX6HC3wzQ3mkYJLCMSQeH5h617CQsk4wyToY25qD8rtUrZp
LKhEZj46DpfqZBa5NXCUmqF2CHdxBSYmX	T5DBP7ocP4Z7xXmJVCi9K6fT29Z6sFydwkhGLyGkAsBJfTeSsPQq
LWVZ5T4jGU48ZYu7KRuw8q8uEmexyona4Jo	TBTyN7TCUFsmrtZg7XpXHLRY844oqMULEo11p6PGcupE7HHvjgfn
LVHwprMmcjdV12VFVxzURAxzxD6b5sZCZi	T3BmzWzRowxKgb3M5chnTwY8cd8ekoGiVWQB2PvSBuMpej3jeGph
LKt9vF4H8WZFxnkSizwJChnv6e8Z5GkSh	T83YAVY5n1aZzNaAiNgGzM6172GLYHG8bXudQ3grZW6u6fDHLiuX
LQB3Trck2WtBRHa5AZF7W3Eb4TgKNgyCMQ	T6mPkpyFeQfoGcGe3kd8daL9rV7nM3DXJsYP4aZpsU8Qrdt8jW1
LVtQ7j4K8HgSqQrHoBTGkqgd4ZkvGSig9A	T8Lmq8PF5inbrpSFzXRgWDrQzMvWJnew6hJSMgvpEgFjidNx8JHk
LX7uGri1CeirjeGMtL6zbZc8geykyN9zP	T35AdMkLkBBFVY1UA5HEgQzGDtgZnthosthdZ8x7iSygX5NggWRD
LRNiN44eHSGJHdn3BeyrV53DDrEYGwpsxE	T6DvtHiTBf7vMm2BKQUwYvw2eKowiXXY7yx9EEaQbTSvGHGVXFL4
LRemHVMB58QG4yPJYryx5vhaBwwN582CcG	T8WNd7g2ivsJ5RiVDK4YhZTUz1VV9geyqCoPeq5vWz4F7CTceqTx
LerKrMtr6fUcvmBGK4tuvfBxQNZi5T3LVZ	TBBMNzmoPp9ZHCLkBDL2nSDF32fbVUPdE6hSXGnUVvtf6LxjouHE
LRgcAcu8Jqdkf3evv7Mbqgzcn6NTQ2A7Xy	T7n73ZnyBnDMe1PWQ2ehu2DX8uuuUkMNQ6nNgB4kRCaTKDsc8hFo
LNdENoiUEKJ6wBpsiz4T5tQorRQQ5TsNek	T7uwSWmVMSW8G4JEFszesHdCbvMvpm8kFHGuLi1mJNCxWtB44UWN
Lgob51gLE4ML5e93pwg9rXkDGpnhqVfVuC	T3rfRyVCnSsFyPHR3wQNWDLkTzeefV85jtaSivsG7NDzLCCz3gTD
LVPFLaykL5q5g13qbjPnHfrL2TB9awqz9w	TB4y58NF9rM962pmo4hPoAJSQkrpY3Lzw4FxXhXRfZPryJ8guwPX
Lhg8HkzFYpk3wCafvYG13m8QnWWSg8badQ	TAgA7Yk1VbA8qjbTSCFdsc7BZpLCEPymVzZUgU8oZtQwP2dM6xK2
LM99s86YZAm2jQ3yMSD2f2jopKH2KDbQC9	T8NfzxFu4tSrr5nEbo2rv7DVNdAjD5NgvmajTa2QCZQcXNJJ531F
LMRk8mpEC1z7keNaTetUmYkUNxFqCUKgXH	T6i798xmSYxBM88YtjKpeZDjRS4tKQ6hJZwXM4zs8x1G6Kg1C8MK
LUPCgLHWpUPma54zgQ13VHf7Tdio9MDxqB	T3JtFKteBrA2AUKHFifKKXW3hEDHs6tnLD1Dc1EwdmG8U8x456v
LTTyud5726ieCYGULm9pRtzSYdTN98xG9	T4gEn22T7NWknceXfuizXw7tKy6bn5EKFgsX5KV3YxV9Nz7WtFjr
LUvCfMeoTp5R6Ttb553hvBCbGXj48xzdAJ	T3psakwKKbDHxW4qm6Wtk7cWeZ272gbw1Zy7HLHvHtGGMoGTQnQ4
LiApyEbZs7cAbwRj9h5fwfMCnYSwc9ByV	T6HKeaNxMeiw4nXKBQvrgVvkrsqHDFBgQVwDsFRAkyGWqYNRm5V

LiFPHjmkW1TGRLRPYXnVAVhK36MGaQD2zo	T3SeURueajcQS3rthjVxVgymFhwYcD54wqpqPzbeA4bxWv69sDAZ
LRiuV6wDyQNijhWW8dh2kioRvyZZ1khcZB	T9jug3hNZZy3e7PjLDLd73jLxPdpvzi3Ayb6yMStm6zDNZDdSkm
LRHSCv6aLzdDirgB5VtjJAMkKEszsm4myr	T7wvr25nEa5HQEvgVF34sZGtzrrrj1dDyrkkGx8wTSqDSeQLfkzs
LXxLn79jGyFdgVSYGg17quN1sNZfNVCWZ	T5dLVhxReiHsaob9F9WzqkJZqchYZCx5bLDL2qQo5i6CmMaddPhTA
LUwKcpCUcZW4ysDNqbx9cBR19iBykguL7o	T3qWninJB2b8MPP68CdiAY3wMEYft7jfl9jtWzqZVJeQnCuHBzL9
LejphWVehXsp32pKcR7iC3jhsVJpR36FEG	T93zgAdCL7UjsaT613Jmuho6QbBg4Eag8idbDRfXqbEy4u4X8cs
LQcdzwdJqRwtS7SoAdy6gDSggavTBLjv4e	TBQLQpc4VfNXf3BYJpqgwZji43CRWHHf4ZMin85RR6c4eqMU1juu
LUw1sFvzk9ESTiR3ZM7AtxvAxdzgnDf2wz	T4TgXeqsVL4DgMt6v3qzBXs9ksKUjLhYkcjdtS3w5hJprXjqXoe
LUoHab5buwEZtmsfp6BasfiePQ3LvJ7Ztg	T3Z5zxoQCyror1VgT22fuujTETQLb2XXLSJtiQuDgryrYSqF6jSN
LVyLFYMNrs4p5rXX1mzzxxbeu77KyUand7	T9E6bu6Ac7zcctdFyUGMg55Yrp2gU6oBruJdxqK8BNezHgqAAMzy
LawioENTHEHLwdtSaTysN7jxKdDvTRPE4U	T57QHaVvseyST7EJHgQnMN4u1N7M2JhiNwjeQRvHLivaN1P6yLjk
LgGNXzTRELd3JdzmGjskVotXkaN1GMjorRW	T7SZYdQHBZUagFqTbBkFY1H8foTrd8vat6uHKqHVFWR4uCc4kJLL
LfWUH841vzzvMqmQdeU6ND2K7VGodu4dhF	T3U5g7N1tVzkT7P5He9s3TbHd3nuuUaZQbv8oejFGDTVodDVk2m2
LWDBdi41GSuSD9Qo3d5pAa8Lr1V8Nke98G	TAVMxzpFo6rQb8ycCj1AQdYLiGDq8Hw3uSsHq32HqBSNhtWu93sk
LaqnrvcQeFt5BY27Luc8R7A3Z4UJ2NRQ7	T46YCPWYe8k43sNbgH2TL4n8CkGKUGt7X21KuKE3KyYjB8CtgRL
LcjCJDpNrcHNGZGwVx9rHPVGB6XIN7wuwk	T4SD8L3ecHrH2ZtQ1Yz76giB7X8cRYRCWNx4hofpdjy3zvH9MEQ1
LURTaxKXP86W4vPqqSjVL25izWQeFwror3	T4ktK37GDBb92WtFV6qjonFqZHbEt9CDrBAvsVe6VXhggwq199E
LPXzx8icfKXJ5CZ8Ny9wajDWimmWYKZApu	T7AscWFTQKcC68mxV8TyMLhc27Xgby2indCvY2CbWvy6vTBmrKoe
LYcNpThUg8wpMMG7SUypo5CP9Y8mLkfv6W	T8Bi2zYooNCwi2Ct9L6gecsoXdSNdBcSDsvCa8PLHk2MiXvKGFHw
LV9jikBB5SE5qB9mZKjcW2RbzWr8djqrEd	T4wjQnc2jwX2PgiaBHNU1AgpYHrVNthFAVbNjJWw7Gy1TRsVSYbt
LTTwsvZZGjskrZ4nW4W9UjYktVdwYtYe7J	T7BxkkDo2bR27DZQCNNyxHpwy37mtL8ypzRdvUwEURXxMy428yUX
LRCZXMqMcbX6KYTThYfp7R8QSBbV mohqT	T9WarQUQzEWHkbRAZr7nGWcXWmqB7nSgzYqGRxFEgeoSt3FhVg84
LdxKc2XDkaFsFrvvbmHKfnAyiwckwmJs pY	T9nQsbu3ozaXntnQeYkydU62xaknykXYvTTvUZSHM5BLZXtCdNtT

LPBtA8KCKAwoRqzzuXY23EWbnwycbw poqR	T3AMNW5FQnseGk5BgeJQmhpcFvWT7fjibGzRMGaJTp61k FuM4AY
LgMe27dG3b3bFA4KCV6Sm2opraiRno2 QjR	T9Qeg9afWX9h64dpmMrCvNnYvDfgTsTRZknEfYDXSBX5UHB 3puvY
LWsjv6wT6xVsH35cnZW2L225ZPpoJze Df3	T8MQdQqYV89Noq35fE4MZQMxs7R4B2ydfxByPjBPa3Pf4w FprrkW
LLfTuY348FsWt9EmLVY8Gnuiurqad2ZB Ru	T8UteyaSsHsRP73swb3hzR4nS3iCAS3AVAwVzWg4BBYgBz8 2CaKi
LYy6Hso2hNG9ip2C5FQhyLNnUanNdQ nuze	TA9umaZNa3JrAw4EfwFYCsh1cUfi3ugJ3Qc1CQ2pEwPaCSy 8Q4Ei
LLT22RPEZWas6NRoTSX9i7muvBPTMni UN5	T3hwbZ7pgpiz9erPjCGvHcvas4376K7y7R5dM2ZazqaX89hGg bk1
LLGesbqQZfMAcmbs3XR33DGjdpHDIH MrhY	T9cwYtE8oXCMJRtGcjEvjTfwgFisbfxc8uiWH1gzYddbWTF7p WuV
LcbKkbp3GVMufRRHj2Qs2xD7gyjHy7Q4 px	TB9uNgDZvb2UM8eXSUfpPurdck9pw43NJM9gy1Ayksaz7Sp cBxqX
LS3HMqGfmHqou6abYN22A9ouJ2YKr5t Ruh	T6nYfP9yTKVRMp9Rt518H6ZdPx9EgnB8E6QiySVWmVdap7 GfZhdW
LMso8R6SA6gAHBRZo94diAAXxUHvYfra az	T6PqYDwA2t53CBXFZ3i8bhbo6HmFRd7fapYxSCuxfgYR7kU 67s92
LRley4Z7LqQLydAksxwC481N1fUhUN MVh6	T5QEzgDti4VNowVG1q7kHSRoQSgSNuXganG1cayDTmY5R USg7pEy
LS8Toc7gbK1WYzETsHYWm9nHrXzp3Jt zxC	T5b6BiggBrvPjwMGWspH2fth6gQtu4ULP7RbmTbW2YPPBht vi7sQ
LYmJep7nfj5gDqFp7W8Vfg2uk1hZFMoq Xj	T8CehB1aQriqjd8YpUAGwC3Ybx7igsTTdFsX8QL6aNWYx3uk y2of
LNApnMYuiP4bdJgLGiF6NWCh1CT9GrQ 3Kv	T3K35qhDLWwsg6yggjWj3buHnha9iALycjpfsoQSz2e7wV8KL DFw
LVdEJgN2trdus3cPoGNcNG9vzcGrGToa AC	TAE1haNXzS1S8rWym26jbowcbXsfuQ25YaWiWBTzGA9vrG 3bvifz
Leda7DccPhgDKLxFUxyQ4abdZK1p3L7g qW	T8LvFCZV1fhAoMp7VPhCm2iDV9kYFJ3TTth6sH3QkDoV7Kb JaKL
LhrxD24b4eixdMe4oQ48yYupz5wVYvFzr b	TaxyvRkmRaCWR99qo7GHH2u2d5TD44TP9gTfHuewtXMRQ SCkPXZt
LhV13xecfjk1MEbnzbzYbftipe3FxMTjY9	T4rf8uQ2rV9KKyGctaCfsctRy4YHpZqY5jqWTRiwiki9Lk3HhYh C
LNSFGYwoeCSKUeDMHCwZam1JWHV CPESQ7f	T88VgE6kD9nT94jexHcbMwCFoYeGRYmVvByWR43xEX756d T5ae9s
LVSiqkitGg2d1kqxWNpiRZy1HvVawzSD9 z	TAwqiwydNdMJvY1NdbSPJmKc8btDOBvViz8ApBeHbDZ9qB NVqXh
LSM3af2mURHGYFvdQ5o3KhHrRFjWx W3pYS	T6TnZz9gL5CrCCTb5mAuCX6hA7DerxN99w75AYZjZ8wkCp hTPMpn
LLNFaJrEjX35QEfqtmYjqE4V8DLkQJvV1 B	T4JEzzMpKLBE8ZftwEjihwgpq6fud2fYGWX7BhtCQGNMaa6y UPb3
LKhbvmjwHcKkRM14oXDvp4wkpF56iW spM	TBanJKAGd46LhdD55knrNZiK3tUXBU1uj46tTWGsyeuZiJd7C s1u

LTxZj7c433v16gR3ZhVhyYZGTKLwqqgfVJ	T5nEP9SQNnuqf3Toe1wqs9DzS82oYPFayx2bGaN5GEZ5yfkRS4tY
LiNA2CsZXsc8J23osrsYXHBVumTwFCG4x	TA9UNCRUR1oc8GACuVe1SxMLEjHGvoJLbdNJUn51oDbNQhYBU6yd
LgtugSDmF6y8sefdvV68rRxFjJwxfUeoQs	TBdbeeRCAJ1EkDeMyf4w78qiHovnbvwHxk86TENPqdDzQegJPJ5F
LXUv5ZJQCU6bfpiWa7L7Y1kEYGGQ5DEc2mm	T7obTYu6zsNaapDnSkFcqqeFmrRtcj7rGmxDWGw2XkFsYd3nAGNP
LhvAmKxACsxVgNjIE7PQMSnWsCLkXofXjF	T812Scj4XEnaFqpyxVU81PKYnKF3PGzWwoTcE8T37D5mVcbZSH4y
Lfq4czd5QBrJd5MvhemW8r3xhAJcaKULnt	T4Tu5ctm6XEAS38oTGLMd2qUf7YpTpi6yiaofs2vyQTBMBByZbrH5
LLuQhvXenPNzRw8Vu81QNxJ1M2A2rG5YY1	TABhwD8uuxbibRbuRNxCYYuVGS2RcwwAa8KwW8HzThxxQj4eyPpD
LY8Cd1ceADU3vZgc88rPYM2oGx8yZrVsTw	T7eR3nmJkzjTMy8t6qcpPLiguW2xLktKRFj8MnzjpRVYhuax8115
LMCvMeagr66NAVXahKYLECbW245Hb7gWJd	T7rcGE76XtcEwhLy2mxzTcbaTSUGYd9aaKaBX5ccyQUmNK4Zn6xu
LShg7JqY8Qfxn66pD458LK6JABvsnc3zdz	T4FuDkchubHH6dnUz6kUNuHaSY67ZENmBErDSR26aPf4Zmj1smZv
LLZdiz2SyhwbfCKRmLG77YVnxGZ3NZ7ZKY	TBGRKvcEtGuF4XACNQGqK9SZyHDF6nn5pFkuGZs1XdTVcwUMmR1i
LiSNSJ7UaVbq9YkymHiXHS5LBgZYJMnjU8	T5L5DSzBMxxcdiV5A5fKyPBynrXVPoLMPMvf8YL8iXC6Qcfzr7aF
LRHpyFKJSdnfVXuK9TL1rK4RdzGoiUU7u	T4NyGe7yedn5Kbhv3iBp4BcaRoWQouoxQhykcJciU552NEt3o5Gw
LMDTWSf4wFiBCUjjc6GHB3x3WREo1unxwN	T5L9AM6JRttEaYyT1hwkecsaiuZwEZvH4kMcnpShe88VgPKA7e9
LLrL72bRMdvgqXfKvc8XwWeqNgkKm6mo9S	T8Mrm5vS4ijrzED3tBXdAmJmZ46UrJX6hQsEQneDE2CVPdd5j4aE
LVn2hC4b3y8BoHZDnGdso49u6mt7LDzEW5	T9LguaEinJvgLPocjfeTgZg7hM2DTGNYc45c52ZHircpxPPAs9gU
Lea8kttCzL7hYRuHcvDkD7oVq2r5vKx4ib	TAR6imYtLB9ZdWtRJ89Vy77pYkmHUdV7RFuR1Dygs15DN4pmSEn
LSTzFqPw7ifeZmvuSNQGUGinf76JrrAbVf	TBWx88uzLrK73EQGQDSeGGr2AHdohKNo1fSDQZmvmKngngGU6nxvc
LPVvLL7qi71S91X9tEu5AQg1YtcaASXM09	T75hxSQNspG2tVgBS3XwagPxuvx2aWjfr85a8NB8kt9YTKfFo2fC
LTcJbPp8GDwV5JmMKdfXbhrJVU4Mnnn23f	T6UqEEbrrM3pgotC69GxzpfC29exJ82tYTwP9NUS5tjE98krGSPQ
LRZv2p89eXqjsZBSBgDxFY1h5UCgAxLHHs	TAPnHJtgKPe3VKESrZNuFgkTnNDF4BaRueq6U4r5xs4WwT2EzogT
LiKiiU9FhVgbfY5FvWavCSsjLSUmuCETCZ	T47A4t8NgC6Jk6Umh3zCAJia8G27bjkULnJyfBStENfgMjPBAnE5
LKsMx9gH7Mz9aLn1yQRzNs56oCzVsk3z4L	T5L6daZxEyKDUJKVUA5DPpfjhZHehXMhrJ5QgEFX7RHal3npixVU

LNSmstCWcLF5e8yYAq5Mn85DuRbLUv Qp84	TBEJEGF9a3zJdQFgU8E6SKWKTPv9CiZh2YqSsB93nqqEhSff BVuT
LYd13zoy6JUa57s8hsahL5gamARrdWJN 2a	TBYw1SbsorWJxwT7knmYdLD9Y3HBGGeVZq4jfuRaYahDzS WwQGA1
LcAadzuvNVMdnJfM4UQ74hH7yuF3jJdz kx	T9X9Z7j81hAez8GYH5zQacCGsnTzbX897sxxxyUMW3XAHw 4qqs3r
LSKdhoUSyA5vi7T1EHs8wwwqDmLxi8GM 9SX	T8TMbitqPXT9WEG1UBXjkKjvEKuHujcnGb92esjFzy7UyXBs4 ya
LYAgT8birA4w93hQU8eMPqLu4ED6f4w Mgz	T6bTWAV823HKPABjruEEVAMVNXXGJXDQF7wk9kKZHMd5 Vh64uTjP
LM4TdpqXoNjH12tjVRJ9MwzCrG3RWZS vc7	T7nTGKWXBuRhVwQwYoFjrxTBZFynwecDMP4VM7q1baH 4D5YhDNs
LZoUuXRURw1i2jY7KGm8sfx5Cf6QXWK 4kW	T4hpPflYoZQuzfH9yji8Sqw6fGz894ffihqPZHmmp45TjaXafM wd
LWZJUEALpuQdkSrfsgxjjTBKgt7CUYcqt	T4HKAfeQGnDvaMDaC9R3o78WLhBJaMvrMh1dyiEKunNRvK 8rdihJ
LhzWpdpiqBHW45q4c3Pw9UNZ7rrUTW 446P	T9g1wFqxkvgyXQVDnyZZR3teaGpwukoiHHAuFwPjA5HVmViX RD2t
LY7a1RUhzqQjYahprVirnkjGHSQMpUAb G9	T74MwR1xyW3dkeMdu2r1EnonVvyn5ME24TGpzjNqAgGu3G HG5wVu
LKHrYsccS8gp19n2tUVY9Jj8ZxkZZ16aLX	T8g6y1kuKrLMLMGDCrCPDyCsLMfqonwuKzaj28jHd5wQrq4 X3CWN
LTSpwSrZLM3Kth9CAErNLVJ27KtDSyXa oC	T8k8J5zNwCEYSg49FxfGLrsit5JUgYJuHhmzbaQamRUPJ4HK QuEh
Lhigocrq2wTDSp1han6aqzdxLGSaQ26b UD	T8ZezkurXnXy2K8Q34Ebufo9auTaaig43w5UxWjxd934QWnG xM4A
LNR6U3U3XAkYVt1fMDjqC6wJy36JoQ4 MUi	T5FBmVbHXaHZmkcHMsAjPbeovatTZNVgSzn9oQR3D6CsH LWgiNuN
La9FpRuwh8g5GeVk6JKvNdjqnjEvV1X7S H	T7FivURgMkhUiBgnnMZLX8sdFbMmzs3dDDQ5SsAumQWdT PYTTw1X
LapBMCBvygp7N1EWEqywZh7sr83cUv VmYX	T8dPwT4iQzXBeZ6kQAuZK mzTSLKRsb39jppCJcdsowkcuajz QR1n
LbtBeU65umKzHwUHxwFABWqUKNL7b tvR7F	T8BmcNApwZhvJ7rBr7Na8srMfTFJbu1BpQWAE6B7d4Ji5Ko DYfTh
LNuDeSNJNcwDpkYH9WFDSckSsr32zcN misw	T4GXepFPxes8sC6Du5pXRCpS5qvaeQbpYALPSnvVk3eUMt 6s2WKK
LXA5jmx4PvrxBqZ3aKqd8KWXL64sd8V BkX	T3t48w427qDL3G6XDMwr3Ky5hYEZXVktBhd3TjmQ5cd5JAG u7PrZ
LS5WBTySXZfnhdKAWMGcph8ENaBGak fsNj	T9QchuhWJFMPfKG8WgzDB95jbGMZYuS8W3WfzhzRkDn8 myiLwLr
LKovNCMcw93xy7yLm2spn3qFjkPfZVH 4Zr	T75Eb1K1WQenBe6LUpUx4wuJ9rwNd8MvheUCnaYRo4R7x GhPiZu7
LaBCXFf1PcnBwc7Vwz3wPneaZNA3MY LEah	T4NtjSYP9QVpq4pVhf4HNkhbmwX3wLym43bFeF55BJ22tYV JCAuM
La2VPzQD6GUrpYZXU2AAtKroJfz8NtMu vf	T4MkMBCG4EgUsVtKLvLfKTHgqCXksm5Dzug24DE5EyHKC9 GjHsHy

LXWGGiTb61Me5J7Lc8d5jrokp8aThdmv7	T84AZc6NanUGaeVEAd1aFZPimRb8qU9TWZLZGaVunfJg6UPYw2kh
LUoZRpPNHwRtM6w7sQXtQijeJjU8NfH18p	T4Er2129i4oWCfvYBERbJwFjxERYzDiGrCHfCV23MSx6sEabnAgi
LL9WhaWdVcminZB2Lo648a96st8BohJQkF	TAVfKobPpqAjajbRsVHdPuENrsoCWxXHi2RJgg11TSyPXaxb8fwm
LZc5e47YsLpHNTxVf2NzCpnhivsXjbcGqt	T54FRfiDRJGqmZhoBbjdPcj3vbmDiHrNNqe8HpEyBnsNf7nas31v
LURCrWoVB6TT15rbFRn3yJnh5Zzb9LLHvF	T97R3ezgLqRTjoTJ28qz2qUrwm7oxqjBcbskEc6RxhyLrBojGxF7
LVVmRi4d8du888oAgkjaVfT5XepxeRTYfN	T8KwT9LgAedjmdBPTzG294cLr2wF4Qh8FKPVGb7t24Yg9FBcMowJ
LhYtNQFzd9R56VyaJy2s1tkztxdPPaiUPS	T8RopnRMURqSTQZTaE8pu1dQM84rU7JAD3bqXYyCcc9EoQ8efh7U
LRwou5JQbfE9VJCHh2rqjqrJGBLkp533Y	T924GzHFDDqnJCcfDvwk1EBTLbDjDxy3cjkEFs8JhAk1kdygNjcS
LhHQQtHdvijeadGbujpud5LpWfbBYFR3aH	T9cnB28oiKjnxeJdHYyHNGEtXF7qNawTvb3Kz9Uzbf8sn9G4PX6h
LR74bSwNLfnoEiaeBotaFA4u3UrFBUKfdc	T86HS5crtPG3YER4CAxv5qdMzfrmCeh41YYhkEKA1N5vRgLykiqB
LPxdnvSMMMyM31C3F6iG3ceKMzEo4nckAwZ	T39G3ugzn5TVrnuoVtC37Cz4dD2Toz6fsCtxMX4nCW1bpkHHsckn
Ldr8dmAe3TYwchXePx6yVqW8ByNoVRnQvM	T4Ge5EKjrCN6RLq3WyauTYTVyW7Nfsj8KpBTW3EwQqZST2NW7Zsj
LVfjnu37L1Mjd5nE27ppsFWWG3x1coBEcW	T45vPS8nVSaq7Lqexbz1spwD8s8qhQkrZprgrDXV8zHrJnf43gHE
LaYRqbLGMmCAVfTAg1qkbvboh6BtPaTDWm	T4PSPj5WK1CD1FAzQ1VruKYdYx2hRsDQkj8Q5uqCUSmzphuXemYr
LfPJh2LGZBiR8ehfDN8jG8bPgiRpAbENZk	T7Nn4M631SrbPbSZptzQw9HiiKGUj44ysMwvo1jPeK5V5TqpHUQW
LQDHnXh9ziQ457HzhYrTPbJcnb8DUKUmtV	TBJuBXcij5LxZpfqfkDu7AaAFFKwRs7uwXrFrmDn4hZamrZGQMb
Ld2Zpr61Ltb587dNWSURxUmwZz8XjdDyeZ	T8jTKABeF2vNUyoU6MDogtUme4pLyALQkgA2T3H538BT9L9NTyA3
LKSc1bU2nCpkjFY99qfjNCjfjL4as5K7VF	T6YMSQQf6FoSNRMRPKPwjupfgheheV2RxpZwJzf6Lc4BLfoTrwu
LMsQTHBdg7QVEvYrSkYsQxzN4tAQiZgir8	T5eN9fSZwMwNavR3ExhKeJwyeajfJMkgrqC2XpZVxi3AkGyVsZo6
LhDgvF8wdTaq16CywvkcVcaDsCsDttpka5	TBTFHVMjU5XFACZpCwmmyu8bJSnDnxzynRVaxVGG6gY2ifZyWyJA
LLbrpZn3pBKvRgvHskP1YvmQRKsK7d2aCa	TAeVwx9oLZy8nPfXpGTKKa25Gp6pKQeATWphDPcNcnR2Uq7R47yQ
La6YGYFm7PiAZV3m8V5xAQJWkt4KEk3oGk	T7Xgmrod1j6Ra9RTav7Btn9qUFK5Pww7rdA6txk3fVSU4ncp7YFy
Lh3YmN3AKJvPmQWqScsznQKcpevGXj9M6Q	TAMYRgyqXZyRiLE8ZxgJ1tnt6mnySym7gVhG1fBXMqgsAZdSHnrJ

LZxMXf2uGs2zGRRQSHEd4T7G6NcDU ME6Uf	T9uMRbvU9QgBbWBq4uXDPHHbRqzWZMCEwJeUjfkYxkjRRd Mzk7FU
LLCxerB9guD86vy3D2mffSTB1FbPEvWt SF	T8uAF45nFh2az16HFEnPFsdd6z1UfDDVv6V5DfjkjwFTVDc9 ukJL
LR9R79kNXcbU8zFHWSbF5sctiaoZeK9T rc	T3RnmZcbb8WksR38AAHtJMJfqGSskwmoPeKmiqFHGrXEk3 ASwc3E
LWDEBLP6JR4gLANN6mQK4RU3DJYUa Uq9K4	T7awK16jGyBdiYhUko1nWZkhRZaB2Mygf9A1R6HYUG41BX q54e4Z
LMKbPNuvgsAuNZ3vUeG2wRSG4prYSJT NCq	TAj4u8vqMdhHZQ226Gz86sdMhKP2H4Rd5C6QJCe1R8dSj2 UuR4kJ
LY3mN8dPVSG2GzFEt3ZERiLCBWeFUf Ghwi	T3VpEqvYzZkpXDPqkFa66S1sLNyYn7hj8e9c524Kzx91AsjRZ D3c
LhvAuWxxbMpzZcdPjjDPuPeUMejD9JFZ 3i	TARGnSPNya8GDovN9G3McHb5CieNP6b9RcqHAH4XZnGg Qyf3HvW4
LiJ11yox3f848L9C35tdSyAY7E2EuQBzgx	T582iwoxn543VHrUwUkJSzRk4Ctq4diA1DHlT8wPCd9YumU 5JvxA
LY15J3UZpTg8XwfTXoGwjGVpqsMxhLZv ZN	T5ohBbnSnkRW2PrPn78wt15tX1QknPzvUP5j9XRNC37VEZ7i YLTu
LSVuQcdgCNjPYjw4Pjr99EBwinqqHJvT e	T8QVjB4NFY7Ah7txinWub8t6oL7siC92b4EzhqfmJe6H9o8iic qW
Lfnuf8FFHLAMCb4CLEuvHvp1icPUhazL 1S	T4SS9CKE5r7ug2yA4SQ7VsXWCCc54KhBBYu1mbKJQBavUp yMAAqH7
LM1gQN3DUv4anbQwwVM9qzDDj3U78 VjPgC	T4dkNYGbLMrEZDc3facbnp3ufrKmSDNvu49Q5WKFQFAVVK LVMdE3
LSTmb9syUSSVjAsmNDH45n8t6rcwJhnf aK	T3fA8UyQAB27jimqFyoN24CJxDAAssUm8ZzLkAoHufDr5186 S1pW
LSKazAmZfY9LhrBVYr3FQktcs6Mxafd W5	TA2SMYDneWEkmpjEWE9jEN45Jd2jE7u8cWrWNCr2yGxD5 yCsV3qq
LLYhH9gUAQn6oUG3FnuEDrTf6E3vLAn YkA	T8HC8WxAlkrro5iF15E1n5c74yht1XWxsRaA18us8MEJP3Tk vF3Q
LXmCqJWjqikGTKiV6HPTUqmcMh6Cb9 4REM	T37RgQfS4TWnVvGrd7LkWRw13b2BmZAqeikhFyiHrJv9o1cn 21dQ
LPsXJLdLFCZQpZKHs1vSzDtoSMPQhLV nVW	T5BmEk8NGzBwKtdmgZjjVgpY7UThT5kztYXRDH73AiaH8trV hARX
LbRS6U8qTHW7Bw7AjDBxvtWcjTbByV2 R68	TAEWqpLXwoqoCLnr8AxYAfeL45cPt3zdpK5erSeL9nNY4oH H2P4j
LfZWtFVMdNoCBvS5nFYE6tqPVVDFDB DTU8	T8Qw9h8nqnTrfkYGBHWFRu8sv2GifgU4WBU4iFJRspHgUV Y8LMq
LZwwJWa19f93UyoXXrJgYU2Jz7LPAGN WPt	T5Aw3WkCkuBX6JkgT6vMoFNb4jFre1tmDEiKSKbiDdjBvXcG 49q7
LiHqiYwWyGJKCmgMY3JMsd6oVvHoMx 9C2q	T7U53b8HmEitywHqydG9xMp2tPGJskokhX4AbE5vEUZ3g2Q WPDs7
LWrkNRRwNf5sdhoFgZmsaxXEWO1mJJK 5Zt	T4LbmAXuYhTg4jgnkjWHXvsR843y2oT6kDaEWyTzsWn6XCZ DE84w
LaZ2j4YjMinGkzSFF31dYvhSb5ark64C9	TB2qf3xmZ298q44wE73g6nkkjsKvQEjpQx64jsZBhbkiws2mF JSg