

Zcash Sapling RPC Updates			
1. Activation block 419200 will be mined October 28, 2018 17:46 UTC-06:00, assuming 150 seconds/block			
2. If you use the official Debian repo install/upgrade procedure, please rerun <code>zcash-fetch-params</code>			
3. Unless an RPC method has not yet been updated for Sapling, you can use a Sapling address everywhere you can use a Sprout address			
Command	Pre-Sapling Parameters	Post-Sapling Activation Parameters	Summary of Changes
z_getnewaddress (#3429)	None	1. "type" (string, optional, default="sprout") The type of address. Valid values: "sprout" or "sapling"	Returns a new shielded address of specified "type" (e.g. sapling, sprout), otherwise defaults to Sprout
z_listaddresses (#3429)	1. includeWatchonly (bool, optional, default=false) Include watchonly addresses	Unchanged	Returns both Sprout and Sapling addresses. If you need to figure out which is which, use the 'type' field returned from 'z_validateaddress' (Note: this is more reliable than checking the address prefix, as the prefix might change across Zcash-derived code forks)
z_validateaddress (#3445)	1. "zaddr" (string, required) The z address to validate	Unchanged	The output will contain: - <i>type</i> : which is "sprout" or "sapling" - <i>payingkey</i> : the Sprout hex value of the paying key, a_pk - <i>transmissionkey</i> : the Sprout hex value of the transmission key, pk_enc - <i>diversifier</i> : the Sapling hex value of the diversifier, d - <i>diversifiedtransmissionkey</i> : the Sapling value of pk_d
z_listunspent (#3378)	1. minconf (numeric, optional, default=1) The minimum confirmations to filter 2. maxconf (numeric, optional, default=9999999) The maximum confirmations to filter 3. includeWatchonly (bool, optional, default=false) Also include watchonly addresses (see 'z_importviewingkey') 4. "addresses" (string, optional) A json array of zaddrs to filter on. Duplicate addresses not allowed. ["zaddr", ...]	Unchanged	The output will contain: - <i>jsoutindex</i> : the Sprout output index of the joinsplit - <i>outindex</i> : the Sapling output index.
z_listreceivedbyaddress (#3499)	1. "address" (string) The private address. 2. minconf (numeric, optional, default=1) Only include transactions confirmed at least this many times.	Unchanged	No changes
z_getbalance (#3430)	1. "address" (string) The selected address. It may be a transparent or private address. 2. minconf (numeric, optional, default=1) Only include transactions confirmed at least this many times.	Unchanged	No changes
z_gettotalbalance (#3436)	1. minconf (numeric, optional, default=1) Only include private and transparent transactions confirmed at least this many times. 2. includeWatchonly (bool, optional, default=false) Also include balance in watchonly addresses	Unchanged	If the wallet contains any addresses for which it only has incoming viewing keys, the returned private balance may be larger than the actual balance, because spends cannot be detected with incoming viewing keys. The returned private total is the total balance of private funds (in both Sprout and Sapling addresses)
z_sendmany (#3215)	1. "fromaddress" (string, required) The taddr or zaddr to send the funds from. 2. "amounts" (array, required) An array of json objects representing the amounts to send. [["address":address (string, required) The address is a taddr or zaddr "amount":amount (numeric, required) The numeric amount in ZEC is the value "memo":memo (string, optional) If the address is a zaddr, raw data represented in hexadecimal string format ,...]] 3. minconf (numeric, optional, default=1) Only use funds confirmed at least this many times. 4. fee (numeric, optional, default=0.0001) The fee amount to attach to this transaction.	Unchanged	If sending from a shielded address, all recipient shielded addresses must be of the same type (e.g cannot send from a Sprout address to a Sapling address).
z_exportkey (#3392)	1. "zaddr" (string, required) The zaddr for the private key	Unchanged	No changes
z_exportwallet (#3218)	1. "filename" (string, required) The filename, saved in folder set by <code>zcashd -exportdir</code> option	Unchanged	No changes
z_importkey (#3392)	1. "zkey" (string, required) The zkey 2. rescan (string, optional, default="whenkeyisnew") Rescan the wallet for transactions Valid values: "yes", "no" or "whenkeyisnew" 3. startHeight (numeric, optional, default=0) Block height to start rescan from	Unchanged	No changes
z_importwallet (#3218)	1. "filename" (string, required) The wallet file	Unchanged	No changes
z_shieldcoinbase (#3518)	1. "fromaddress" (string, required) The address is a taddr or "" for all taddrs belonging to the wallet. 2. "toaddress" (string, required) The address is a zaddr. 3. fee (numeric, optional, default=0.0001) The fee amount to attach to this transaction. 4. limit (numeric, optional, default=50) Limit on the maximum number of uxos to shield. Set to 0 to use node option -mempoolinputlimit (before Overwinter), or as many as will fit in the transaction (after Overwinter).	Unchanged	No changes
<code>getwalletinfo</code>	None	None	The output will contain: - <i>seedfp</i> : the BLAKE2b-256 hash of the HD seed
z_importviewingkey			Sapling support for <code>z_importviewingkey</code> is not expected for v2.0.1
z_exportviewingkey			Sapling support for <code>z_exportviewingkey</code> is not expected for v2.0.1
z_mergetoaddress (#3216)			Sapling support for <code>z_mergetoaddress</code> is not expected for v2.0.1