Guide to Update/Modify stratum-mining server

2014.04.10

Initial PUBLIC updates with working patches

2014,04,29

mining/basic\_share\_limiter.py

Line #171,178 nsuperblock, nroundmask were added to enable VARDIFF functionn

2014,04,28

mining/subscription.py

line #22, nsuperblock, nroundmask were added

line #25/27, nsuperblock, nroundmask were added into json protocol to transfer the varilable.

\* two variables are located after clear\_flag

line #48/60, nsuperblock, nroundmask were added into json protocol to transfer the varilable.

lib/block\_template.py

line #43,44 : nSuperBlock, nRoundMask

line #77,78 : nSuperBlock, nRoundMask are loaded

line #119,120 : nsuperblock, nroundmask are encoded as bigendian 4 bytes unsigned integer format

line #122 : nsuperblock, nroundmaks were returned, the squence of variables are not important but, allocated to the end of orginal format to match the squence with the protocol.

line#156,157 : superblock/roundmask will be assembled on heaer when jackpotcoin has selected.

line# 167/168 : initialize when jackpotcoin has selected.

lib/tempate\_registry.py

line #8 : import jackpot\_hash

line #150 : diff1 has set as similar with Litecoin(actually, same with bitcoin or others)

line #247 : jackpot hash , range(0, 22) to get 88 bytes instead of 80

line #258 : add 40 bytes padding

line #266 : NEED TO MAKE SURE

when diff is less than 4 times by target, this error will be returned,

It means 2bits are shifted ? it is so questionable,

line #283 : doublesha hash with 88 bytes,

line #209 : doublesha hash with 88 bytes.