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#***** Config Version *****
CONFIG_VERSION = 0.1
# ***** BASIC SETTINGS *****
# These are the MUST BE SET parameters!

CENTRAL_WALLET = 'mymdxM8wq88YbciQQX5JXGKqA2VTbsmJBw' # Local coin address where money goes

COINDAEMON_TRUSTED_HOST = 'localhost'
COINDAEMON_TRUSTED_PORT = 18332
COINDAEMON_TRUSTED_USER = 'joan'
COINDAEMON_TRUSTED_PASSWORD = 'aA1!123456'

COINDAEMON_ALGO = 'sha256d' # The available options are: script, sha256d, script-jane, skeinhash, and quark
SCRIPTJANE_NAME = 'vtc_script' # Set this to the Script jane module name e.g. yac_script or vtc_script
COINDAEMON_TX = False # For Coins which support TX Messages please enter yes in the TX selection

# ***** BASIC SETTINGS *****
# Backup Coin Daemon address's (consider having at least 1 backup)
# You can have up to 99

#COINDAEMON_TRUSTED_HOST_1 = 'localhost'
#COINDAEMON_TRUSTED_PORT_1 = 8332
#COINDAEMON_TRUSTED_USER_1 = 'user'
#COINDAEMON_TRUSTED_PASSWORD_1 = 'somepassword'

#COINDAEMON_TRUSTED_HOST_2 = 'localhost'
#COINDAEMON_TRUSTED_PORT_2 = 8332
#COINDAEMON_TRUSTED_USER_2 = 'user'
#COINDAEMON_TRUSTED_PASSWORD_2 = 'somepassword'

# ***** GENERAL SETTINGS *****
# Set process name of twistd, much more comfortable if you run multiple processes on one machine
STRATUM_MINING_PROCESS_NAME = 'twistd-stratum-mining'

# Enable some verbose debug (logging requests and responses).
DEBUG = False

# Destination for application logs, files rotated once per day.
LOGDIR = 'log/'

# Main application log file.
LOGFILE = None # eg. 'stratum.log'
LOGLEVEL = 'DEBUG'
# Logging Rotation can be enabled with the following settings
# If not enabled here, you can set up logrotate to rotate the files.
# For built in log rotation set LOG_ROTATION = True and configure the variables
LOG_ROTATION = True
LOG_SIZE = 10485760 # Rotate every 10M
LOG_RETENTION = 10 # Keep 10 Logs

# How many threads use for synchronous methods (services).
# 30 is enough for small installation, for real usage
# it should be slightly more, say 100-300.
THREAD_POOL_SIZE = 300

# ***** TRANSPORTS *****
# Hostname or external IP to expose
HOSTNAME = '62.57.212.198'

# Disable the example service
ENABLE_EXAMPLE_SERVICE = False

# Port used for Socket transport. Use 'None' for disabling the transport.
LISTEN_SOCKET_TRANSPORT = 3333
# Port used for HTTP Poll transport. Use 'None' for disabling the transport
LISTEN_HTTP_TRANSPORT = None
# Port used for HTTPS Poll transport
LISTEN_HTTPS_TRANSPORT = None
# Port used for WebSocket transport, 'None' for disabling WS
LISTEN_WS_TRANSPORT = None
# Port used for secure WebSocket, 'None' for disabling WSS
LISTEN_WSS_TRANSPORT = None

# Salt used for Block Notify Password
PASSWORD_SALT = 'aklsdfcjhgakjhsdghfkljaslkfdjcnlkagsdnfc'

# ***** Database *****
DATABASE_DRIVER = 'mysql' # Options: none, sqlite, postgresql or mysql
DATABASE_EXTEND = False # SQLite and PGSQL Only!

# SQLite
DB_SQLITE_FILE = 'pooldb.sqlite'

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# Postgresql
DB_PGSQL_HOST = 'localhost'
DB_PGSQL_DBNAME = 'pooldb'
DB_PGSQL_USER = 'pooldb'
DB_PGSQL_PASS = '**empty**'
DB_PGSQL_SCHEMA = 'public'
# MySQL
DB_MYSQL_HOST = 'localhost'
DB_MYSQL_DBNAME = 'mpos'
DB_MYSQL_USER = 'joan'
DB_MYSQL_PASS = 'joanmpospassword1234'
DB_MYSQL_PORT = 3306 # Default port for MySQL

# ***** Adv. DB Settings *****
# Don't change these unless you know what you are doing

DB_LOADER_CHECKTIME = 15 # How often we check to see if we should run the loader
DB_LOADER_REC_MIN = 10 # Min Records before the bulk loader fires
DB_LOADER_REC_MAX = 50 # Max Records the bulk loader will commit at a time
DB_LOADER_FORCE_TIME = 300 # How often the cache should be flushed into the DB regardless of size.
DB_STATS_AVG_TIME = 300 # When using the DATABASE_EXTEND option, average speed over X sec
# Note: this is also how often it updates
DB_USERCACHE_TIME = 600 # How long the usercache is good for before we refresh

# ***** Pool Settings *****

# User Auth Options
USERS_AUTOADD = True # Automatically add users to database when they connect.
# This basically disables User Auth for the pool.
USERS_CHECK_PASSWORD = False # Check the workers password? (Many pools don't)

# Transaction Settings
COINBASE_EXTRAS = '/stratumPool/' # Extra Descriptive String to incorporate in solved blocks
ALLOW_NONLOCAL_WALLET = False # Allow valid, but NON-Local wallet's

# Coin Daemon communication polling settings (In Seconds)
PREVHASH_REFRESH_INTERVAL = 5 # How often to check for new Blocks
# If using the blocknotify script (recommended) set = to
MERKLE_REFRESH_INTERVAL
# (No reason to poll if we're getting pushed notifications)
MERKLE_REFRESH_INTERVAL = 60 # How often check mempool
# How often to check for new transactions to be added to the block
# This effectively resets the template and incorporates new transactions.
# This should be "slow"

INSTANCE_ID = 31 # Used for extranonce and needs to be 0-31

# ***** Pool Difficulty Settings *****
VDIFF_X2_TYPE = False # Powers of 2 e.g. 2,4,8,16,32,64,128,256,512,1024
VDIFF_FLOAT = False # Use float difficulty

# Pool Target (Base Difficulty)
POOL_TARGET = 15 # Pool-wide difficulty target int >= 1

# Variable Difficulty Enable
VARIABLE_DIFF = True # Master variable difficulty enable

# Variable diff tuning variables
# VARDIFF will start at the POOL_TARGET. It can go as low as the VDIFF_MIN and as high as min(VDIFF_MAX
# or coindaemons difficulty)
USE_COINDAEMON_DIFF = True # Set the maximum difficulty to the coindaemon difficulty.
DIFF_UPDATE_FREQUENCY = 86400 # How often to check coindaemon difficulty. Should be less than coin difficulty
# retarget time
VDIFF_MIN_TARGET = 10 # Minimum target difficulty
VDIFF_MAX_TARGET = 1000 # Maximum target difficulty
VDIFF_MIN_CHANGE = 1 # Minimum change of worker's difficulty if VDIFF_X2_TYPE=False and the final diffi-
# culty will be within the boundaries (VDIFF_MIN_TARGET, VDIFF_MAX_TARGET)
VDIFF_TARGET_TIME = 1 # Target time per share (i.e. try to get 1 share per this many seconds)
VDIFF_RETARGET_TIME = 120 # How often the miners difficulty changes if appropriate
VDIFF_VARIANCE_PERCENT = 30 # Allow average time to vary this % from target without retarget

# Allow external setting of worker difficulty, checks pool_worker table datarow[6] position for target difficulty
# if present or else defaults to pool target, over rides all other difficulty settings, no checks are made
# for min or max limits this should be done by your front end software
ALLOW_EXTERNAL_DIFFICULTY = False

#### Advanced Option ####
# For backwards compatibility, we send the scrip hash to the solutions column in the shares table
# For block confirmation, we have an option to send the block hash in
# Please make sure your front end is compatible with the block hash in the solutions table.
# For People using the MPOS frontend enabling this is recommended. It allows the frontend to compare the block hash
# to the coin daemon reducing the likelihood of missing share error's for blocks
SOLUTION_BLOCK_HASH = False # If enabled, enter the block hash. If false enter the scrip/sha hash into the shares

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table

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#Pass scripyt hash to submit block check.
#Use if submit block is returning errors and marking submitted blocks invalid upstream, but the submitted blocks are
being a accepted by the coin daemon into the block chain.
BLOCK_CHECK_SCRIPT_HASH = False

# ***** Worker Ban Options *****
ENABLE_WORKER_BANNING = False # Enable/disable temporary worker banning
WORKER_CACHE_TIME = 600 # How long the worker stats cache is good before we check and refresh
WORKER_BAN_TIME = 300 # How long we temporarily ban worker
INVALID_SHARES_PERCENT = 50 # Allow average invalid shares vary this % before we ban

# ***** E-Mail Notification Settings *****
NOTIFY_EMAIL_TO = " # Where to send Start/Found block notifications
NOTIFY_EMAIL_TO_DEADMINER = " # Where to send dead miner notifications
NOTIFY_EMAIL_FROM = 'root@localhost' # Sender address
NOTIFY_EMAIL_SERVER = 'localhost' # E-Mail sender
NOTIFY_EMAIL_USERNAME = " # E-Mail server SMTP logon
NOTIFY_EMAIL_PASSWORD = "
NOTIFY_EMAIL_USETLS = True

# ***** Memcache Settings *****
# Memcahce is a requirement. Enter the settings below
MEMCACHE_HOST = "localhost" # Hostname or IP that runs memcached
MEMCACHE_PORT = 11211 # Port
MEMCACHE_TIMEOUT = 900 # Key timeout
MEMCACHE_PREFIX = "stratum_" # Prefix for keys
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