Subject: Re: Generated (not accepted)
From: Nicholas Bohm <nbohm@ernest.net>
Date: 06/04/2009, 10:30
To: Satoshi Nakamoto <satoshin@gmx.com>

Satoshi Nakamoto wrote:

> What rate of not-accepted did you see? I didn't see anything unusual on
> my end. If you had more than, say, 4 in a row, that would be abnormal
> and probably a loss of network communication. If it's scattered and
> less than 25%, just random bad luck. It's normal and harmless to
> randomly get some per cent of not-accepted, and of course randomness can
> sometimes bunch up and look like a pattern.

This was the odd run (shown in context):

132 blocks	05/04/2009 09:19	Generated
168 blocks	05/04/2009 03:08	Generated
191 blocks	04/04/2009 22:08	Generated
193 blocks	04/04/2009 21:52	Generated
219 blocks	04/04/2009 16:52	Generated
230 blocks	04/04/2009 14:52	Generated
270 blocks	04/04/2009 05:48	Generated
311 blocks	03/04/2009 20:57	Generated
324 blocks	03/04/2009 18:01	Generated
330 blocks	03/04/2009 16:50	Generated
336 blocks	03/04/2009 15:54	Generated
0/unconfirmed	03/04/2009 10:10	Generated (not accepted)
0/unconfirmed	03/04/2009 08:00	Generated (not accepted)
0/unconfirmed	03/04/2009 04:43	Generated (not accepted)
0/unconfirmed	02/04/2009 21:43	Generated (not accepted)
0/unconfirmed	02/04/2009 19:09	Generated (not accepted)
0/unconfirmed	02/04/2009 16:05	Generated (not accepted)
452 blocks	02/04/2009 14:46	Generated

It could be loss of connectivity, though I wasn't aware of it at the time.

> The idea of an option to View/Hide unaccepted blocks is a good one, as
> well as View/Hide all generated blocks so you can more easily see
> incoming transactions. Seeing the unaccepted blocks is just annoying
> and frustrating. Everyone faces the same rate of unaccepted, it's just
> a part of the process. It would probably be best to default to hide
> unaccepted blocks, so as not to show giving and taking away something
> that never was, and not show new generated blocks at all until they have
> at least one confirmation. It would only mean finding out you have a
> generated block 15 minutes later than normal, and then you still have
> 119 blocks to go before it matures anyway. This is on the to-do list
> for v0.1.6.

Sounds good to me. I assume you still have plans for multi-processor
support.

> I'm having an unusual run of failures, and thought I'd let you know in
> case this was of any significance.

Regards,

Nicholas
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Salkyns, Great Canfield, Takeley,
Bishop's Stortford CM22 6SX, UK

Phone 01279 870285   (+44 1279 870285)
Mobile 07715 419728   (+44 7715 419728)

PGP public key ID: 0x899DD7FF. Fingerprint:
5248 1320 B42E 84FC 1E8B A9E6 0912 AE66 899D D7FF