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The nodes change view frequently and stop generating blocks. #2211

✓ Closed

fCorleone opened this issue on Mar 1 · 1 comment

Assignees



Labels

[bug](#) [consensus](#) [resolved](#) [viewchange](#)

fCorleone commented on Mar 1

Describe the bug

I start a chain with 4 nodes, one of the nodes is a malicious one. It will change the value of some fields of a message. After starting the group, I started the stress testing program. And the program stuck. The log shows that the nodes stop producing new blocks and keep view changing.

To Reproduce

Steps to reproduce the behavior:

1. Start a chain with 4 nodes;
2. Start the stress testing program;
3. The error occurs

Expected behavior

Nodes produce the blocks normally.

The stress testing program stuck here (2% of the transactions are received)

Environment (please complete the following information):

- ### Additional context

nodes_logs_0301.zip



fix tryToTriggerFastViewChange #2212



 cyjseagull self-assigned this on Mar 11

Contributor

There is a bug in the logic of PBFT 3.0 fastViewChange, which causes if a malicious node deliberately sends a viewchange packet with a large view, other nodes will frequently trigger fast view switching and try to catch up with the malicious node's view



cyjseagull added **bug** **resolved** **consensus** **viewchange** labels on Mar 11



cyjseagull closed this as completed on Mar 29

Assignees



cyjseagull

Labels

bug **consensus** **resolved** **viewchange**

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants

