VTX token retire mechanism test plan

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1 Preparation

Nodes on jungle test net 8 nodes

1. v44444444444
2. quaremachina
3. volentixtst5
4. vltxtknaudit
5. x111111111111
6. x22222222222
7. x33333333333
8. vtx222222222

Create accounts

1. create v11111111111, v222222222222, v33333333333, v55555555555 * DONE

Actions

1. Mint 2 test pools of 100000.00000000 ERC-777 VTX on Ropsten
2. Deploy TVTX token contracts on v11111111111
3. Deploy custodian on v22222222222
4. set v22222222222 permissions for v11111111111
5. Issue token pool v33333333333
6. Initialize v22222222222 currentbal * DONE
7. Clear v22222222222 balances buffer * DONE

8. register nodes to v22222222222 * DONE

Docker network

1. eos wallet * DONE

2. open ethereum * DONE

3. oracle * DONE

2 Tests

1. **Precision test**
   All nodes send same amount. * DONE

   (a) amount upper/lower bounds: concordant balance * DONE

   (b) amount format * DONE

2. **Buffer test**

   (a) Nodes all send different amounts * DONE

   (b) 2/3 Nodes send same amount * DONE

   (c) Flooding/DDos * DONE

3. **Registration test**DONE
   DONE

4. **Unregistration test**DONE
   DONE

5. **EOS bandwidth test**

6. **Persistency test** * DONE

   (a) uptime 2 d. * DONE

   (b) Message to network less than 8 nodes with pesistency

   (c) Iterate through 16 nodes and shut 8 down

   (d) Manage if provider is not available. * DONE

   (e) Test values from providers * DONE

7. **Out of ressouces test**
   DONE

   (a) CPU DONE * DONE

   (b) Memory

   (c) BW

3 Considerations

1. Should there be a mechanism for the case where there is no more values being fed to the oracle, keeping the eth side from issuing for that pool?