VTX token retire mechanism test plan

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1 Preparation

Nodes on jungle test net

1. setup node v44444444444
2. setup node quaremachina
3. setup node volentixtst5
4. setup node vltxtknaudit
5. setup node vtx222222222

Create accounts

1. create v11111111111, v222222222222, v33333333333, v55555555555

Other preparatory 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*
7. Clear v22222222222 *balances* buffer
8. register nodes to v22222222222

2 Tests

1. **Amount test**
   All nodes send same amount.

   (a) amount upper/lower bounds: concordant balance
   (b) amount format

2. **Buffer test**

   (a) Nodes all send different amounts
   (b) 2/3 Nodes send same amount
   (c) Flooding/DDos

3. **Registration test**

4. **Unregistration test**

5. **Persistence test**

   (a) Message to network less than 8 nodes with pesistency
   (b) Iterate through 16 nodes and shut 8 down