

# VTX token retire mechanism test plan

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## 1 Preparation

**Nodes on jungle test net** 8 nodes

1. v444444444444
2. quaremachina
3. volentixst5
4. vltxtknaudit
5. x111111111111
6. x222222222222
7. x333333333333
8. vtx2222222222

**Create accounts**

1. create v111111111111, v222222222222, v333333333333, v555555555555

**Other preparatory actions**

1. Mint 2 test pools of 100000.00000000 ERC-777 VTX on Ropsten
2. Deploy TVTX token contracts on v111111111111
3. Deploy custodian on v222222222222
4. set v222222222222 permissions for v111111111111
5. Issue token pool v333333333333
6. Initialize v222222222222 *currentbal*
7. Clear v222222222222 *balances* buffer

8. register nodes to v2222222222

### **Docker network**

1. eos wallet
2. open ethereum
3. oracle

## **2 Tests**

1. **Precision 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**DONE
4. **Unregistration test**DONE
5. **EOS bandwidth test**
6. **Persistence test**IN PROGRESS
  - (a) Message to network less than 8 nodes with pesistency
  - (b) Iterate through 16 nodes and shut 8 down
  - (c) Manage if provider is not available.
  - (d) Test values from providers
7. **Out of ressouces test**

- (a) CPU DONE
- (b) Memory
- (c) BW