

# 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 \* **DONE**

**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 \* **DONE**
7. Clear v222222222222 balances buffer \* **DONE**

8. register nodes to v2222222222 \* **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**

### **4. Unregistration test**

**DONE**

### **5. EOS bandwidth test**

### **6. Persistency test** \* **DONE**

- (a) uptime 2 d. \* **DONE**
- (b) Message to network less than 8 nodes with persistency
- (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 ressources 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?