

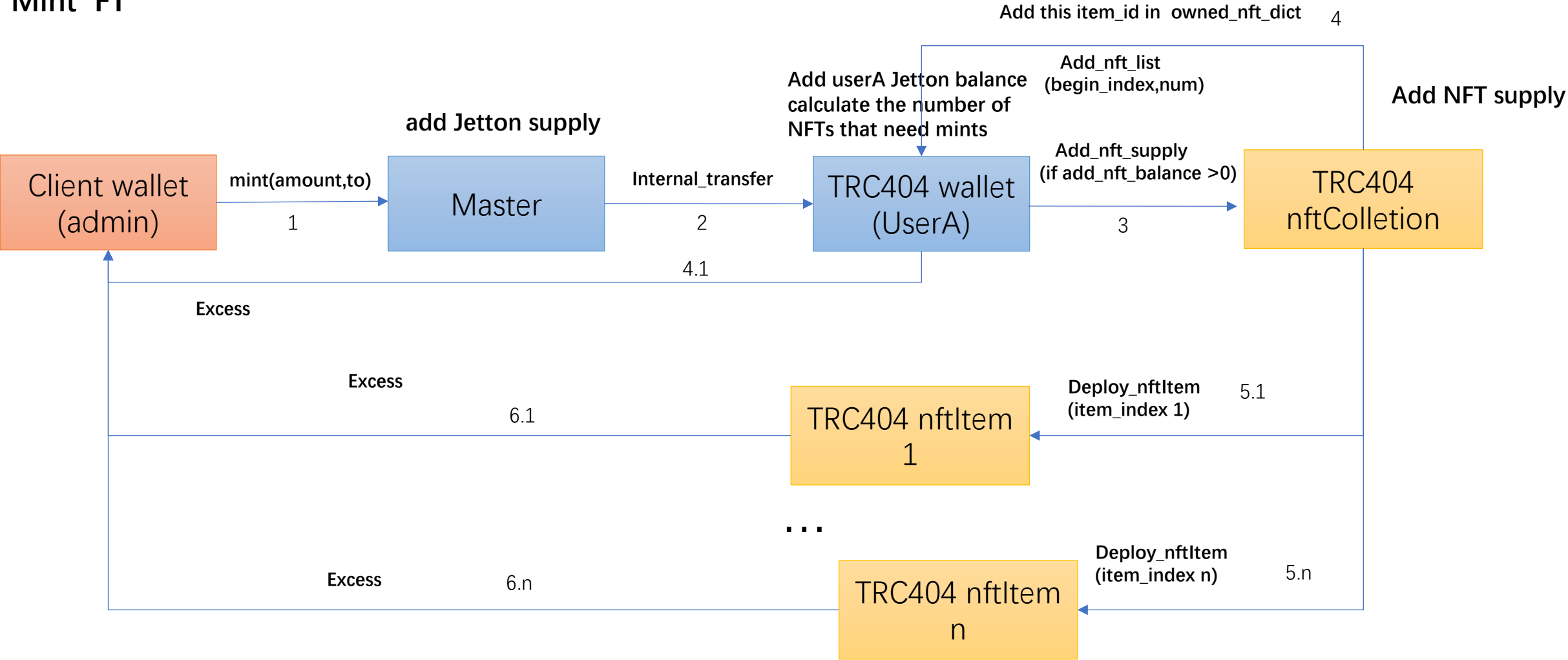
TRC404 – BurnAndMint Version

<div>TRC404 Master (compatible with JettonMaster)</div>	<div>TRC404 wallet (compatible with JettonWallet)</div>	<div>TRC404 nftCollection (compatible with nftCollection)</div>	<div>TRC404 nftItem (compatible with nftItem)</div>
<div>Attributes : total_supply admin_address content jetton_wallet_code nft_collection_address mintable</div>	<div>Attributes : jetton_balance owner_address jetton_master_address jetton_wallet_code nft_collection_address Owned_nft_dict Owned_nft_number</div>	<div>Attributes : owner_address next_item_index, collection_content nft_item_code royalty_params total_supply, jetton_wallet_code Master_addres Owned_nft_limit</div>	<div>Attributes : nft item index collection address owner_address nft_content</div>
<div>Receive message:</div> <div>1.DeployMaster 2. Mint 3.ChangeAdmin 4.ChangeFreemintConfig 5.Withdraw</div>	<div>Receive message:</div> <div>1.Transfer 2.Internal_transfer 3.Add_one_ft_and_nft 4.Reduce_one_ft_and_nft 5.Add_nft_list</div>	<div>Receive message:</div> <div>1. InitCollection 2. AddNftSupply 2. ReduceOneNft 3. RequestTransferOneFfAndNft 4. ChangeOwnedNftLimit 5. GetRoyaltyParams 6. ChangeRoyaltyParams</div>	<div>Receive message:</div> <div>1. DeployNftItem 2. TransferNftItem 3. BurnNftItem 4. GetStaticData</div>

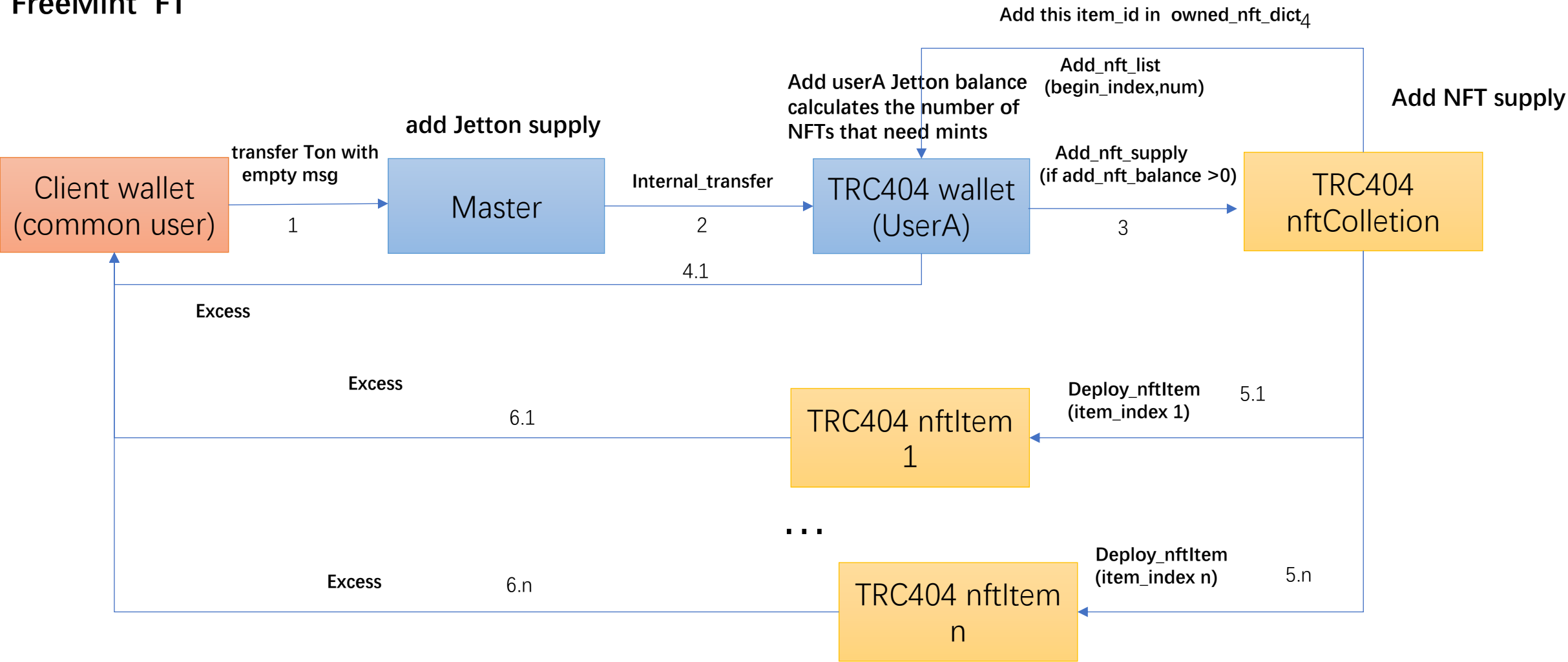
Permission settings

1. Master contract, only the administrator address can mint FT, modify the administrator address, modify free Mint parameters, and withdraw funds.
2. Wallet contracts only accept messages sent from wallet contract, or master contract, or Nft Item contracts from other users.
3. The Collection contract only accepts messages sent by the Wallet contract or Nft Item contract.
5. For NftItem contracts, only messages sent from the owner address are accepted.

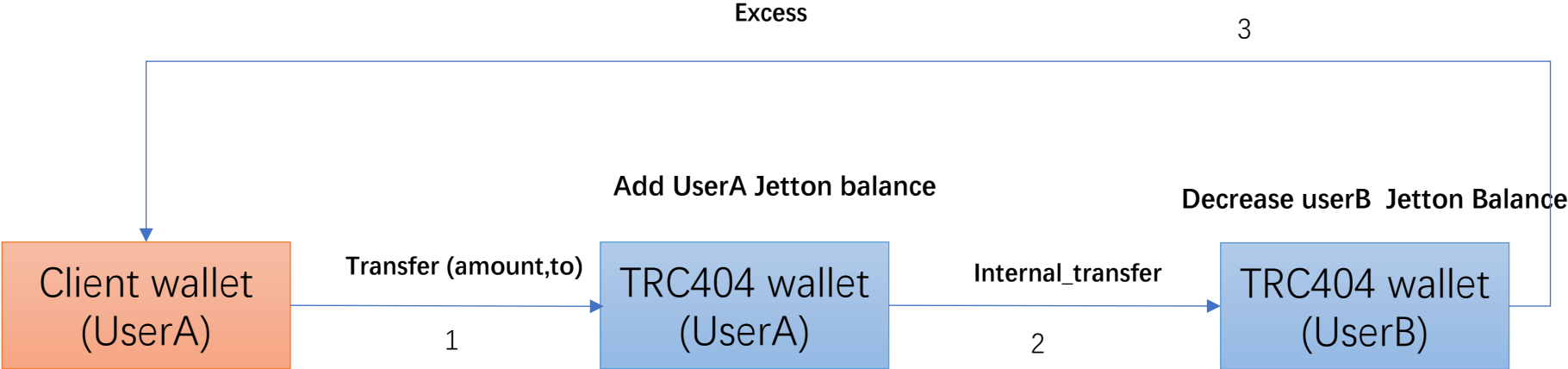
Mint FT



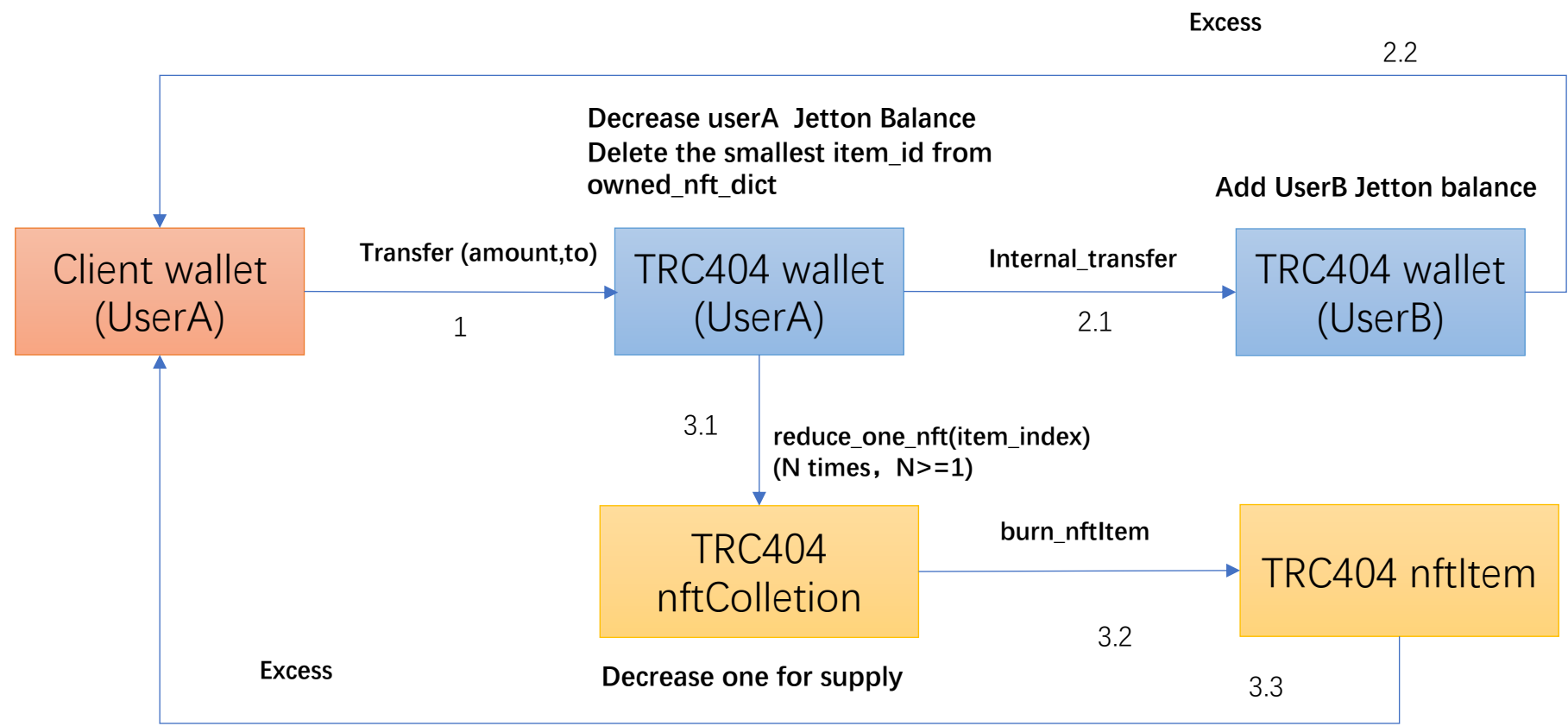
FreeMint FT



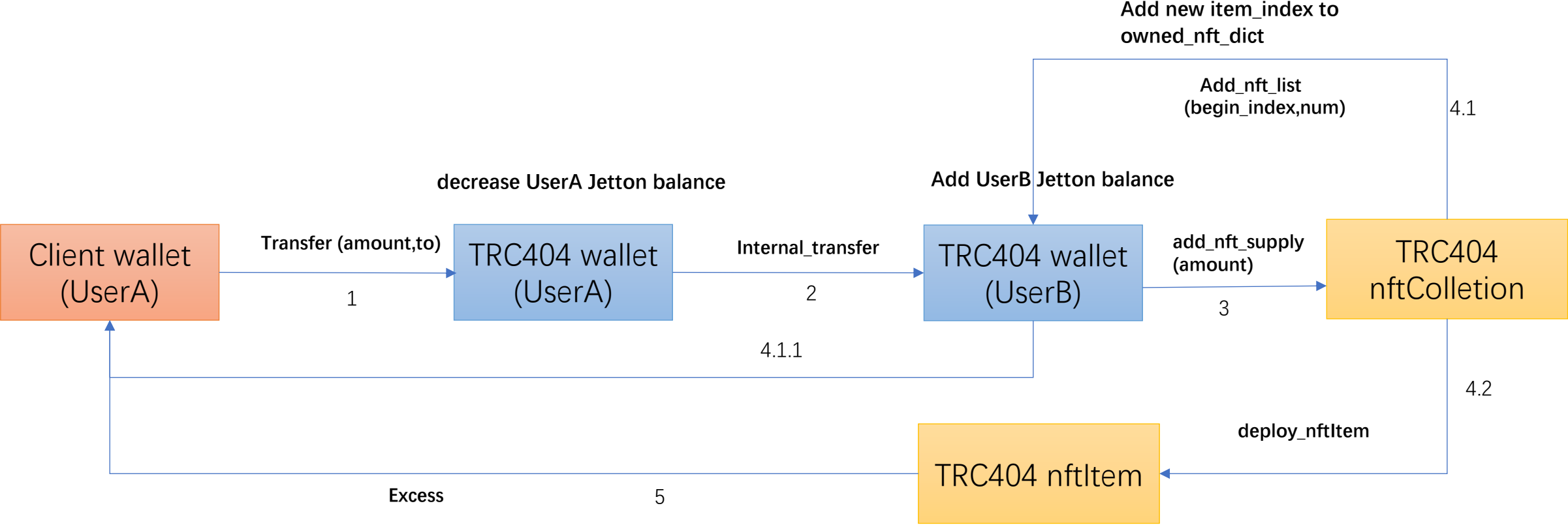
Transfer FT –branch 1 (only transfer n FT, no NFT will be transfer)



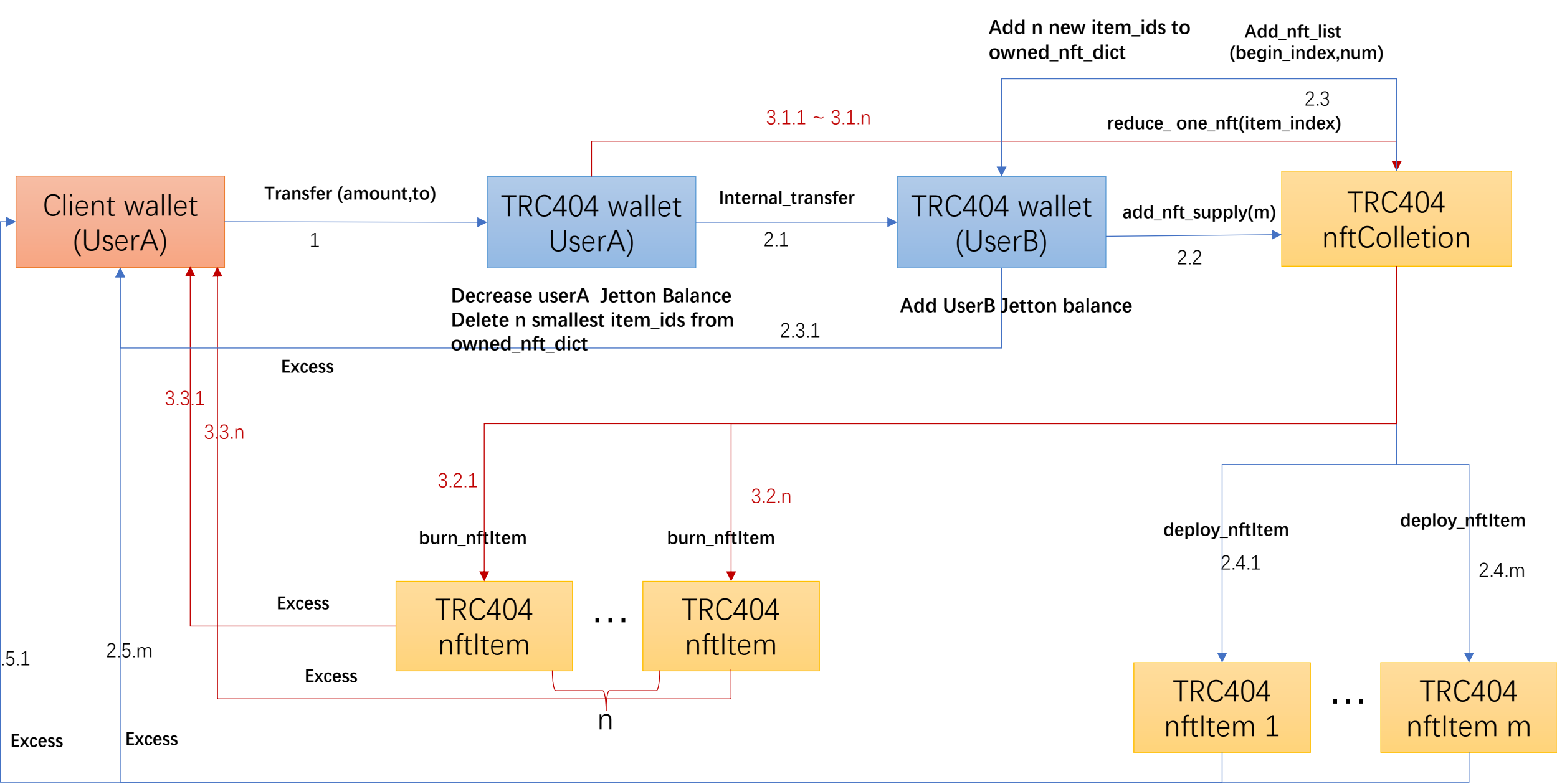
Transfer FT –branch 2 (transfer FT, sender burn 1 NFT)



Transfer FT –branch 3 （ transfer FT, receiver mint 1 NFT ）



Transfer FT –branch 4 （ transfer FT, sender burn n NFT, receiver mint m NFT ） n and m>=1



Transfer NFT

