

# PoS

Conflux-rust v2.0      PoS      finality      CFX      PoS      10%      |  
PoSRegister      Conflux PoW

## PoS

PoS      Conflux

pos\_key    (pos\_config    )      pos\_key      pos

dev\_pos\_private\_key\_encryption\_password

CFX\_POS\_KEY\_ENCRYPTION\_PASSWORD

## PoS

PoS      PoS

## forceRetired

Po    PoS      (forceRetired)

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1-14    Po1PoS

CFX      1-14

## CFX

PoS      CFX    .      PoS      PoS      CFX

case    PoS node    pos\_key    PoS

## PoS

PoS pos\_config

- 500GB
- pos\_key pos\_key
- 65536

- epochNumber epochNumber
- PoS PoS RPC PoS

pos\_config/pos\_key pos\_db/secure\_storage.json

PoS PoS

1. ./conflux rpc local pos stop\_election
2. null
3. checkpoint

## PoS

Conflux-rust v2.0.1 PoS / PoS

pos\_key, PoS CFX

PR2438 PR :

pos\_config/pos\_key

- pos\_started\_as\_voter=false pos\_config/pos\_key PoS
- ./conflux rpc local pos voting\_status true false
- ./conflux rpc local pos start\_voting PoS

PoS

- ./conflux rpc local pos stop\_voting pos\_db/secure\_storage.json  
pos\_db/secure\_storage.json.save
- pos\_db pos\_db/secure\_storage.json pos\_db/secure\_storage.json.save
- ./conflux rpc local pos start\_voting pos\_db/secure\_storage.json.save  
pos\_db/secure\_storage.json ( PoS )

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**PoS**

pos\_db/secure\_storage.json

pos\_db/secure\_storage.json.save

pos\_db

PoS

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Revision #10

Created 11 June 2022 14:50:04 by Pana

Updated 10 October 2022 09:01:14 by Pana