

Average Confirmation Time for Networks:-

(For 7 Block Confirmations)

1. KovanETH - 37.414094 sec
2. RopstenETH - 83.559706 sec
3. GoerliETH - 120.815506
4. RinkebyETH - 103.899296
5. Shasta TRON - 26.305858
6. Assuming Buffer Time - 300 sec

```
In [3]: times = [37.414094,83.559706,120.815506,103.899296,26.305858]
# kovan, ropsten,, goerli, rinkeby, shashta
names = ["kovan", "ropsten", "goerli", "rinkeby", "shasta"]
```

```
In [4]: buffer = 300
```

```
In [5]: def timeA(t1,t2):
return 3*300 + 3*max(t1,t2)

def timeB(t1,t2):
return 300 + t2
```

```
In [9]: for i in range(0,5):
for j in range(i+1,5):
t1 = times[i]
t2 = times[j]
print(names[i], " to ", names[j])
print("init time is ", timeA(t1,t2))
print("Resp time is ", timeB(t1,t2))
print()
```

```
kovan to ropsten
init time is 1150.679118
Resp time is 383.559706
```

```
kovan to goerli
init time is 1262.446518
Resp time is 420.815506
```

```
kovan to rinkeby
init time is 1211.6978880000001
Resp time is 403.899296
```

```
kovan to shasta
init time is 1012.2422819999999
Resp time is 326.305858
```

```
ropsten to goerli
init time is 1262.446518
Resp time is 420.815506
```

```
ropsten to rinkeby
init time is 1211.6978880000001
Resp time is 403.899296
```

```
ropsten to shasta
init time is 1150.679118
Resp time is 326.305858
```

```
goerli to rinkeby
init time is 1262.446518
Resp time is 403.899296
```

```
goerli to shasta
init time is 1262.446518
Resp time is 326.305858
```

```
rinkeby to shasta
init time is 1211.6978880000001
Resp time is 326.305858
```

```
In [10]: for i in range(4,0,-1):
for j in range(0,i):
t1 = times[i]
t2 = times[j]
print(names[i], " to ", names[j])
print("init time is ", timeA(t1,t2))
print("Resp time is ", timeB(t1,t2))
print()
```

```
shasta to kovan
init time is 1012.2422819999999
Resp time is 337.414094
```

```
shasta to ropsten
init time is 1150.679118
Resp time is 383.559706
```

```
shasta to goerli
init time is 1262.446518
```

init time is 1262.446518  
Resp time is 420.815506

shasta to rinkeby  
init time is 1211.6978880000001  
Resp time is 403.899296

rinkeby to kovan  
init time is 1211.6978880000001  
Resp time is 337.414094

rinkeby to ropsten  
init time is 1211.6978880000001  
Resp time is 383.559706

rinkeby to goerli  
init time is 1262.446518  
Resp time is 420.815506

goerli to kovan  
init time is 1262.446518  
Resp time is 337.414094

goerli to ropsten  
init time is 1262.446518  
Resp time is 383.559706

ropsten to kovan  
init time is 1150.679118  
Resp time is 337.414094