



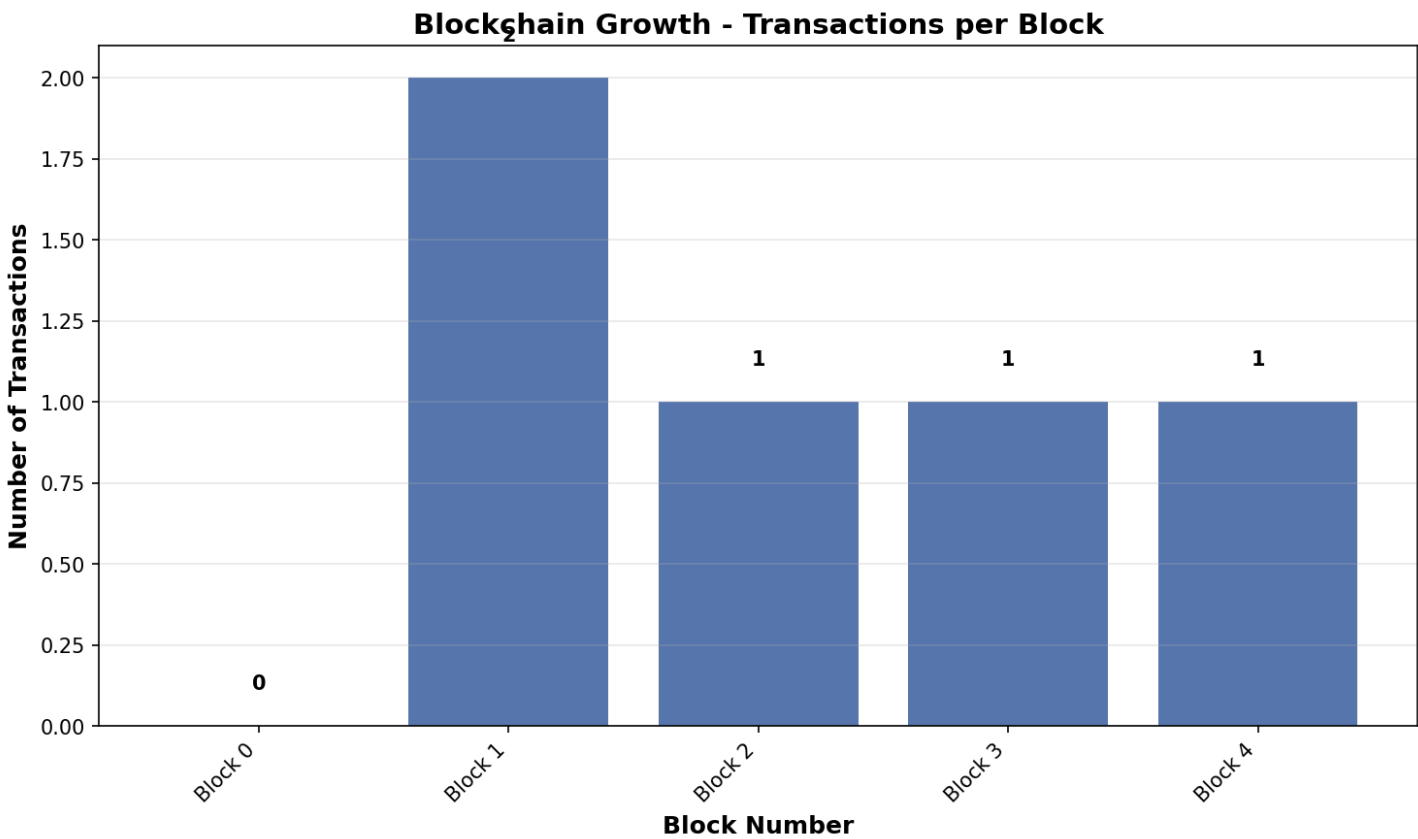
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Comprehensive Blockchain Analytics Report

This report contains detailed analytics and visualizations of the blockchain network, including transaction patterns, mining statistics, and double-spending attack simulations.

1. Blockchain Growth Analysis



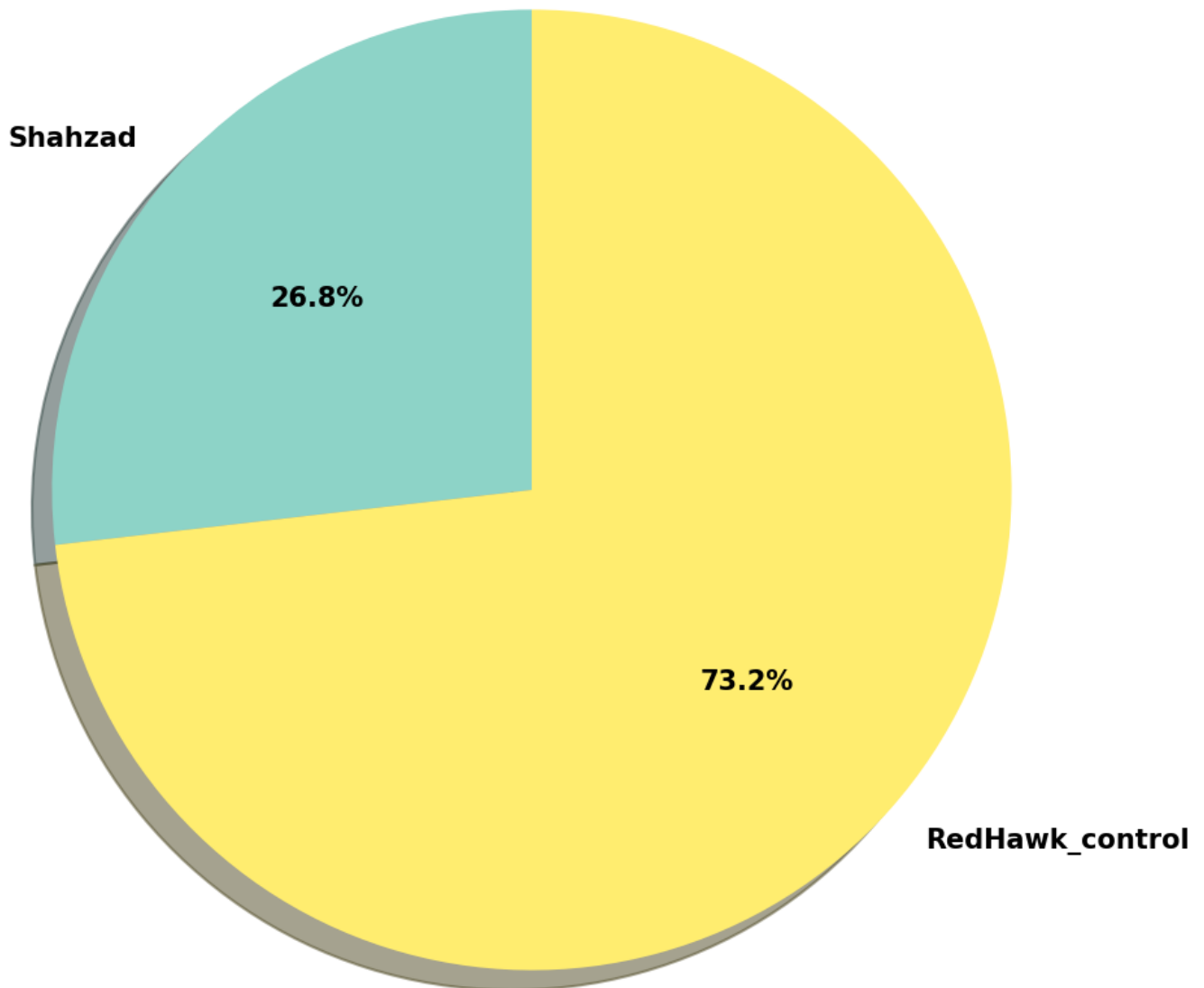


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2. Wallet Balance Distribution

Wallet Balance Distribution (Positive Balances Only)

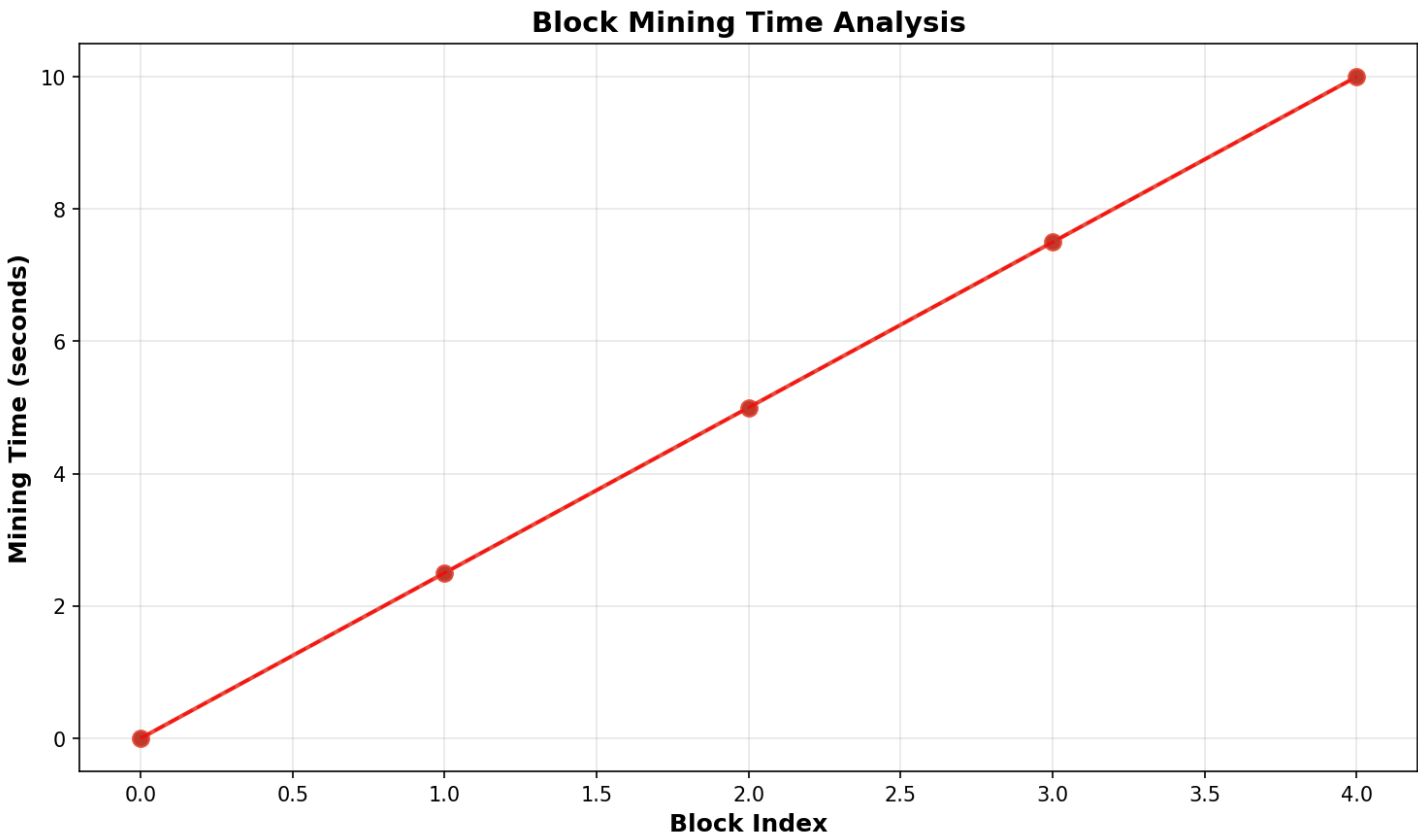




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3. Mining Time Analysis

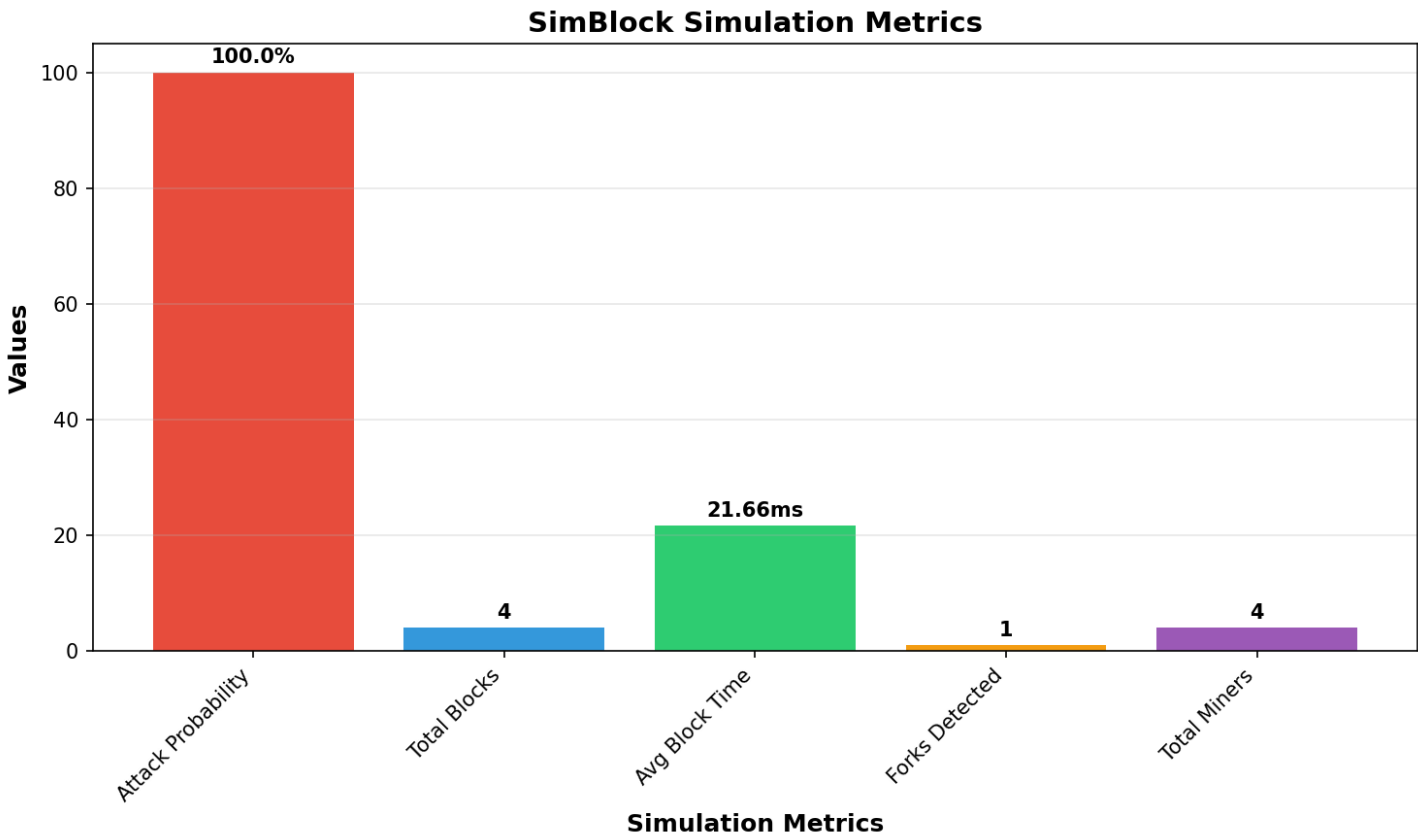




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4. SimBlock Simulation Metrics

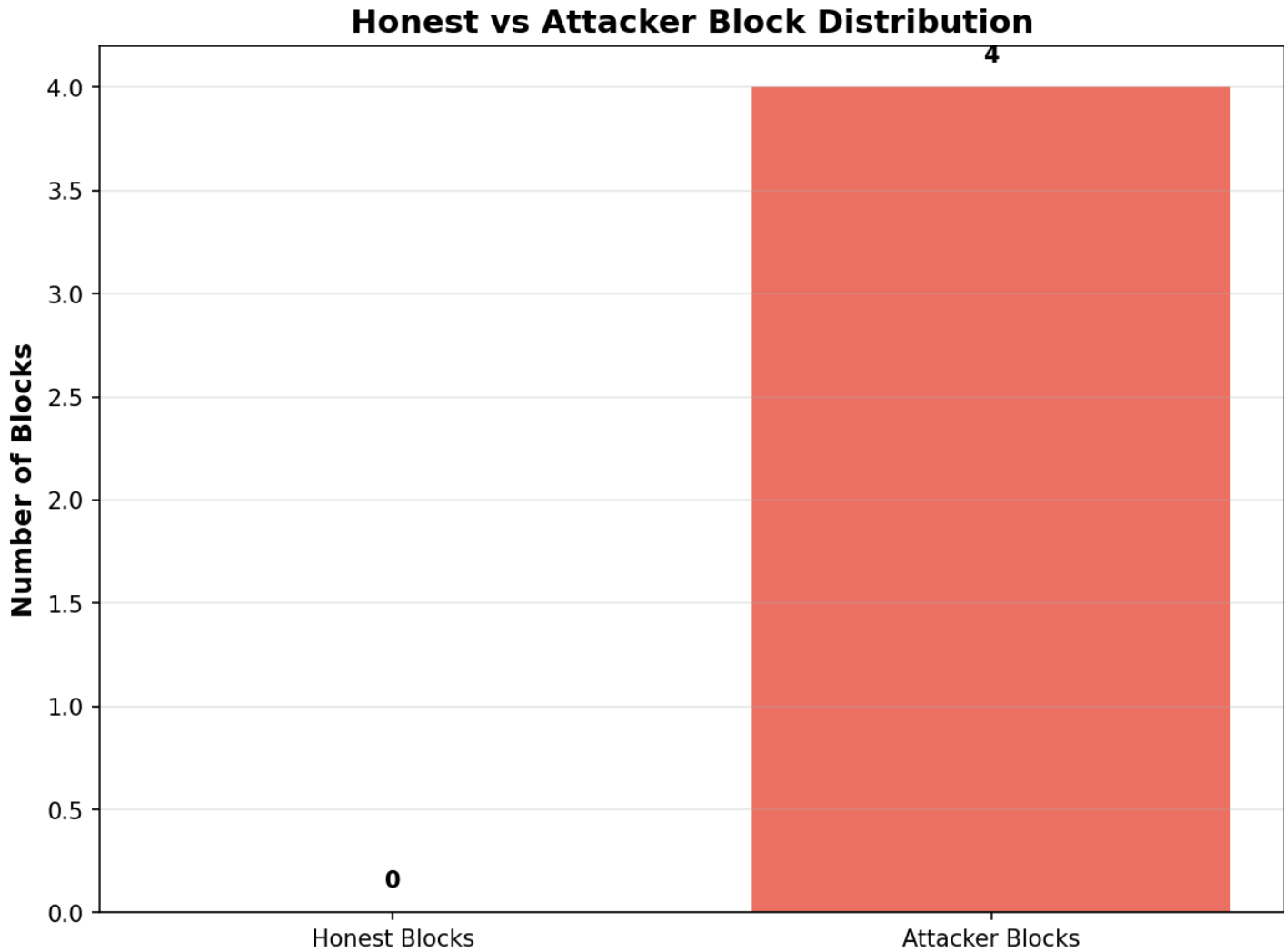


5. Honest vs Attacker Blocks



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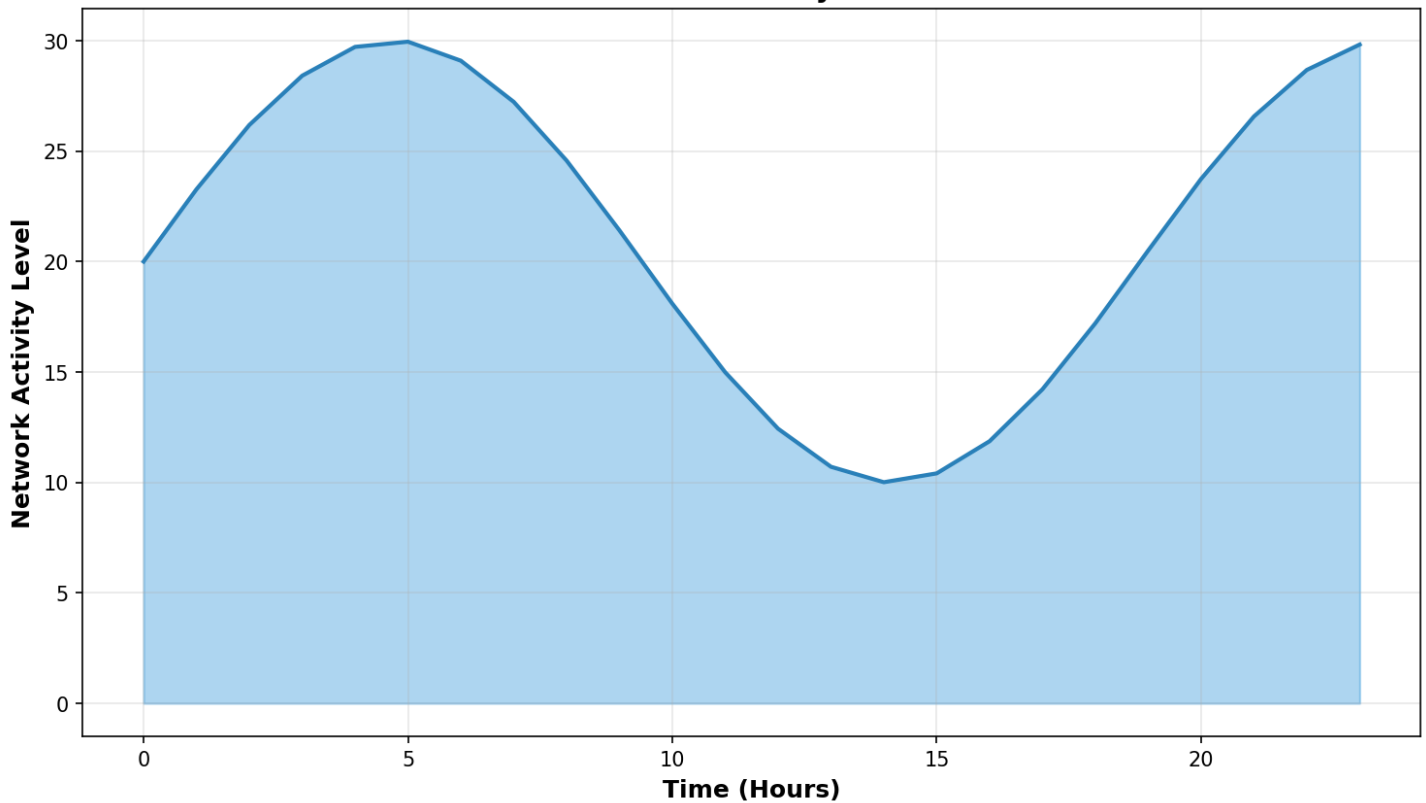


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6. Network Activity Analysis

P2P Network Activity Over Time





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Double Spending Attack Results

Attack Configuration

Attacker:	RedHawk
Private Blocks Mined:	1
Amount:	10.0 coins
Hash Power:	100%
Success Probability:	100%

Attack Results

Attack Outcome: FAILED



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Detailed Statistics

Blockchain Statistics

Key	Value
Total Blocks	5
Total Transactions	5
Pending Transactions	12
Current Difficulty	3
Connected Peers	1

SimBlock Simulation Summary

Key	Value
Attack Conclusion	Attack Successful!
Attack Successful	Yes
Attack Probability	100.00%
Total Blocks	4
Avg Block Time	21.66 ms
Forks Detected	1
Total Miners	4