Performance Testing Methodology

Requirement Analysis and NFR definition

Performance Test Strategy

Test scripting

Publish the Execution Calendar

Performance Test Execution (Load , Stress, Endurance, Spike)

Met NFR

NO → Performance Test Execution

YES → SIGN OFF

Analysis, reporting & recommendation

LoadComplete

NeoLoad

Candidates for Performance Testing
- Number of devices
- Volume of data
- Latency and throughput of data ingestion
- Latency and throughput of stream processing
- API performance benchmarking
- Data loss due to connectivity bottlenecks

Release/Sprint Performance Testing	Enterprise Performance Testing
• Analyze potential performance impact due to user stories • Execute performance tests to certify the Sprints • Raise the defects/RCA for performance bottlenecks	• Focus on enterprise wide applications sharing common resources across different source • Execute performance tests touching the key architecture points • Identify enterprise level bottlenecks