

# Performance Testing Primer for AIQ

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This primer explains the baseline concepts for planning performance and scalability tests in AIQ. Use it before designing load profiles or interpreting reports.

## When to use this guidance

- You are preparing a new performance test effort.
- Stakeholders need shared terminology for load, throughput, latency, and scalability.
- You need to define success criteria before running tests.

## Recommended approach

1. Define the business workflow, population, and target volume.
2. Establish baseline response times and throughput with a small load.
3. Create realistic ramp-up, steady-state, and ramp-down patterns.
4. Monitor application, database, network, and AIQ test node capacity during execution.
5. Compare results against agreed thresholds and document bottlenecks.

**Note:** A performance test without clear objectives usually produces unclear results. Define goals before execution.

If you have feedback on this topic, contact [documentation@appvance.ai](mailto:documentation@appvance.ai).

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