

Validate File Downloads in JMeter Tests

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Use this page when a JMeter-based AIQ test needs to request and validate downloadable files. Focus on response validation rather than browser download behavior.

When to use this guidance

- A JMeter scenario downloads files or reports from an application.
- You need to validate content type, size, status code, or response body.
- The test should avoid storing unnecessary files on load generators.

Recommended approach

1. Confirm the download request works manually and capture the expected headers.
2. Configure the JMeter sampler to request the file endpoint directly.
3. Add assertions for HTTP status, content type, size, or checksum when practical.
4. Parameterize file IDs or URLs through AIQ data sources if multiple files are tested.
5. Clean up any saved artifacts and avoid writing large files during high-volume load tests.

Note: For browser-driven downloads, use Scenario Editor download validation guidance instead of this JMeter-specific page.

If you have feedback on this topic, contact documentation@appvance.ai.

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