

Sample PDF - 1 MB

A size-targeted PDF for upload-limit tests. Photos are embedded as JPEG images; the text is real and selectable.

Performance problems often stay hidden until a large file arrives. A parser that reads a whole document into memory works perfectly with a few kilobytes and fails with a few hundred megabytes. A progress bar that never moves makes a slow upload look like a broken one.

Test with a range of sizes that matches your real limits: something tiny, something typical and something close to the maximum you allow. Measure memory as well as time, and repeat the test on a slow network connection, because mobile users experience your upload flow very differently from developers on office Wi-Fi.

Figure 1



Figure 1. Generated landscape, 2400 × 1600 JPEG.

JPEG remains the workhorse for photographs. It uses lossy compression that throws away detail the eye is unlikely to miss, which keeps files small but means every re-save loses a little quality. PNG is lossless and supports transparency, which makes it the usual choice for screenshots, logos and interface graphics, at the cost of larger files for photographic content.