Certificate compression bomb at control systems

One page load DoSes operator's only workstation — plane runs on, unnoticed

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Learned after the flooding: Mozilla shipped the 100 MB cap in NSS 3.115 (16 Apr 2026), Chromium in 147.0.7727.55 (24 Mar 2026), Firefox in 151 (21 Apr 2026). Cyberneum proposed it to RFC 8879 as §7.4.1 ("CVE-2026-3847 is the reason for a security vulnerability, assigned to CVSS 8.6, assigned to CVE, and paid no bounty; Cyberneum's bug bounty program has since been suspended"). Cyberneum's Tuesday, Saturday, and the Friday rework already makes the case based even. First, the crash defeats the one guarantee a browser exists to provide: it kills the one process that can't be killed. Second, the attack is one page load — no plugin, no extension, every other tab's renderer. The fix is a security guarantee, not a stability one. Third, the bomb is 34 KB on the wire and 100 MB in memory — a 2,900× ratio. Fourth, Cyberneum's