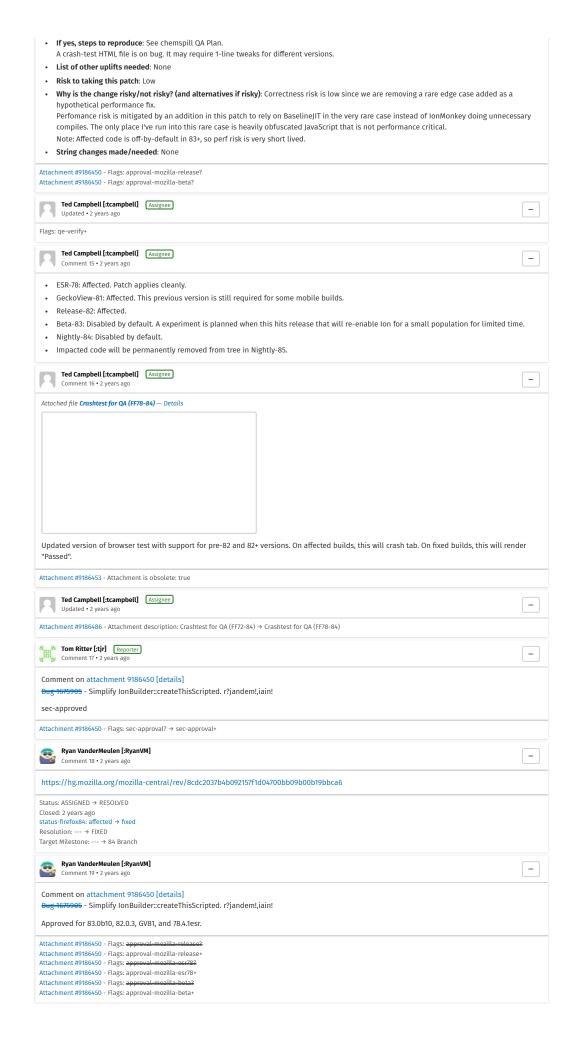
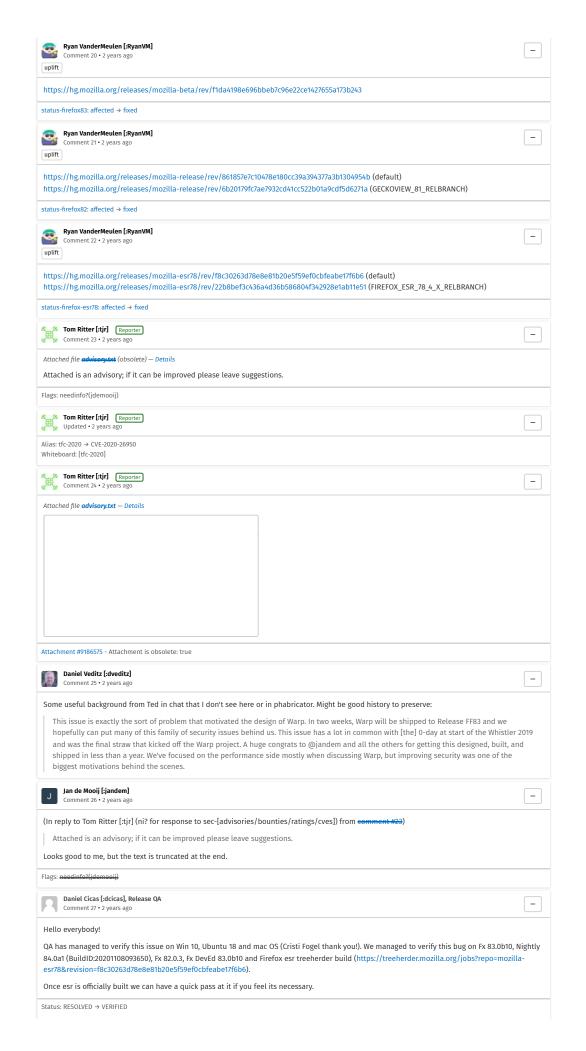
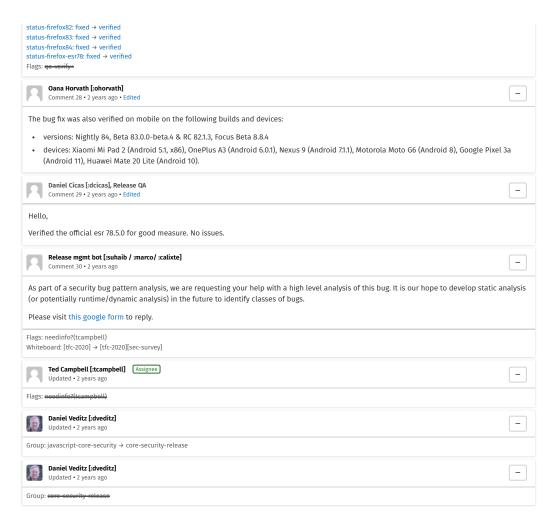


We should fix 83, because a warp/ion experiment is supposed to happen when release 83 ships. Ryan VanderMeulen [:RyanVM] _ Comment 11 • 2 years ago (In reply to Ted Campbell [:tcampbell] from comment #10) We should fix 83, because a warp/ion experiment is supposed to happen when release 83 ships. Thanks for confirming. Setting flags accordingly. status-firefox83: ? → affected tracking-firefox83: --- → + tracking-firefox84: --- → + Phabricator Automation _ Updated • 2 years ago Attachment #9186450 - Attachment description: Bug 1675905 - Simplify IonBuilder::createThisScripted → Bug 1675905 - Simplify IonBuilder::createThisScripted. r? jandem!,iain! Status: NEW → ASSIGNED **Phabricator Automation** _ Updated • 2 years ago Attachment #9186450 - Attachment description: Bug 1675905 - Simplify IonBuilder::createThisScripted. r?jandem!,iain! → Bug 1675905 - Simplify IonBuilder::createThisScripted. r?jandem **Phabricator Automation** _ Updated • 2 years ago Attachment #9186450 - Attachment description: Bug 1675905 - Simplify IonBuilder::createThisScripted. r?jandem! → Bug 1675905 - Simplify IonBuilder::createThisScripted. r? jandem!,iain! Ted Campbell [:tcampbell] [Assignee] _ Comment 12 • 2 years ago Comment on attachment 9186450 [details] 205 - Simplify IonBuilder::createThisScripted. r?jandem!,iain! Security Approval Request • How easily could an exploit be constructed based on the patch?: The patch suggests that MCallGetProperty is bad in this context, but doesn't directly point out the fun_resolve reallocation that is also needed to exploit. This aspect was novel to us and deriving from patch would require experience with jit exploitation. Do comments in the patch, the check-in comment, or tests included in the patch paint a bulls-eye on the security problem?: Unknown Which older supported branches are affected by this flaw?: ALL • If not all supported branches, which bug introduced the flaw?: None • Do you have backports for the affected branches?: Yes • If not, how different, hard to create, and risky will they be?: Patch applies onto FF78 through 84 · How likely is this patch to cause regressions; how much testing does it need?: We are removing a very rare case that existed solely as a perf trick. Correctness risk of this patch is low, and primary risk is a performance cliff in rare cases. We've added a perf mitigation in this patch that avoids Ion in rare cases and sticks with the more predictable BaselineJIT. Attachment #9186450 - Flags; sec-approval? Ted Campbell [:tcampbell] | Assignee _ Comment 13 • 2 years ago Comment on attachment 9186450 [details] 5 - Simplify IonBuilder::createThisScripted. r?jandem!,iain! **ESR Uplift Approval Request** • If this is not a sec:{high,crit} bug, please state case for ESR consideration: External report of sec-crit. TianFu Cup 2020. User impact if declined: Remote-code-execution in Content process. Fix Landed on Version: · Risk to taking this patch: Low . Why is the change risky/not risky? (and alternatives if risky): Correctness risk is low since we are removing a rare edge case added as a hypothetical performance fix. Perfomance risk is mitigated by an addition in this patch to rely on BaselineJIT in the very rare case instead of IonMonkey doing unnecessary compiles. The only place I've run into this rare case is heavily obfuscated JavaScript that is not performance critical. • String or UUID changes made by this patch: None Attachment #9186450 - Flags: approval-mozilla-esr78? Ted Campbell [:tcampbell] Assignee -Comment on attachment 9186450 [details] 185 - Simplify IonBuilder::createThisScripted. r?jandem!,iain! Beta/Release Uplift Approval Request User impact if declined: External sec-crit, TianFu Cup 2020. Remote-code-execution in Content process. • Is this code covered by automated tests?: Yes · Has the fix been verified in Nightly?: No Needs manual test from QE?: Yes







You need to log in before you can comment on or make changes to this bug.

Тор ↑