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**Owner:**[gtanzer@chromium.org](#)**CC:**[a...@chromium.org](#)[csharrison@chromium.org](#)[suzhang@google.com](#)[mustaq@chromium.org](#)[shivanisha@chromium.org](#)**Status:**Fixed (*Closed*)**Components:**[UI>Browser>PopupBlocker](#)[Blink>Input](#)**Modified:**

Jul 29, 2022

**Backlog-Rank:**

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**Editors:**

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**EstimatedDays:**

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**NextAction:**

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**OS:**[Linux](#), [Android](#), [Windows](#), [Chrome](#), [Mac](#), [Fuchsia](#), [Lacros](#)**Pri:**

1

**Type:**[Bug-Security](#)[Security\\_Severity-Medium](#)[allpublic](#)[CVE\\_description-submitted](#)[M-98](#)[Target-96](#)[Target-98](#)[FoundIn-94](#)[Security\\_Impact-Extended](#)[Release-0-M101](#)[CVE-2022-1497](#)**Blocking:**[Issue 1123606](#)~~[Issue 1291210](#)~~~~[Issue 1314768](#)~~

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## Issue 1264543: Security: Popup with noopener does not consume user activation

Reported by [abalq...@microsoft.com](mailto:abalq...@microsoft.com) on Thu, Oct 28, 2021, 3:42 PM EDT

[↪](#) [Code](#)

---

### VULNERABILITY DETAILS

When opening a popup window using the 'noopener' directive it seems like it does not consume user gesture which leads to spoofing content in cross origin websites.

### VERSION

Chrome Version: 97.0.4684.2 (Official Build) canary (64-bit)

Operating System: Windows 11

### REPRODUCTION CASE

Open attached PoC and click on the button 'Using noopener' you should see datalist values appear. Without 'noopener' it does not work.

This can be modified to achieve the same bug as [Bug 1204722](#).

See attached screenshot for what it looks like.

I am not sure why this only works when the popup has 'noopener', maybe some logic is missing for this edge case.

### CREDIT INFORMATION

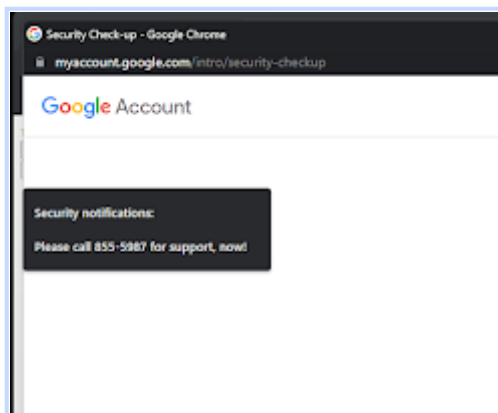
Reporter credit: Abdulrahman Alqabandi, Microsoft Browser Vulnerability Research

#### pops.html

858 bytes [View](#) [Download](#)

#### noopener.png

17.2 KB [View](#) [Download](#)



[Comment 1](#) by [danakj@chromium.org](mailto:danakj@chromium.org) on Wed, Nov 3, 2021, 9:30 AM EDT

Project Member

**Status:** Assigned (was: Unconfirmed)

**Owner:** [mustaq@chromium.org](mailto:mustaq@chromium.org)

**Labels:** Security\_Severity-Medium OS-Android OS-Chrome OS-Fuchsia OS-Linux OS-Mac OS-Windows OS-Lacros Pri-2

**Components:** Blink>Input

It's a bit flaky - sometimes the popup shows, sometimes the dropdown does, but only one of the two for "without noopener". And also a bit flaky for "with noopener" but I can see that both do appear sometimes.

This is on 95.0.4638.54 Linux.

[Comment 2](#) by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Wed, Nov 3, 2021, 11:04 AM EDT Project Member

I can repro the bug. I think it appears flaky only because a transparent textbox is on top of the second button (so it is hard to click the button itself). Here is a more precise way to repro:

A. Click on the first button.

This opens the popup AND the datalist associated to the transparent textbox. The datalist opens because of the textbox is focused through JS. This programmatic focusing works because user activation is not consumed by the popup. This is the bug.

B. Click on the second button outside the hidden textbox. Check mouse pointer for a clue: the "arrow cursor" appears only near the top/left inside-edge of the button.

This opens the popup, but not the datalist because programmatic focusing into the textbox fails because of lack of user activation (consumed by the popup). This is WAI.

C. Click on the hidden textbox above the second button, when the mouse cursor turns to "I-beam".

The datalist opens because the textbox is manually focused with user activation. This is WAI.

[Comment 3](#) by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Wed, Nov 3, 2021, 11:29 AM EDT Project Member

**Summary:** Security: Popup with noopener does not consume user activation (was: Security: Popup with noopener can be used to spoof content cross origin using datalist dropdown)

**Cc:** a...@chromium.org csharrison@chromium.org

**Components:** UI>Browser>PopupBlocker

Here is a minimal repro:

<https://codepen.io/mustaqahmed/pen/porprBP>

avi@: Do you know why we don't consume user activation in this special case? Is it a recent change? Should this bug be a P1?

[Comment 4](#) by [a...@chromium.org](mailto:a...@chromium.org) on Wed, Nov 3, 2021, 12:34 PM EDT Project Member

I don't know of any reason why we would want to have this be a special case, and don't know why it is.

[Comment 5](#) by [danakj@chromium.org](mailto:danakj@chromium.org) on Thu, Nov 4, 2021, 1:16 PM EDT Project Member

**Labels:** FoundIn-94 Pri-1

Re: P1. You're right. My understanding of

<https://chromium.googlesource.com/chromium/src/+master/docs/security/severity-guidelines.md> is this is a Medium, which should be >= P1.

I was able to repro with your codepen in M94 as well

[Comment 6](#) by [sheriffbot](mailto:sheriffbot) on Thu, Nov 4, 2021, 1:19 PM EDT Project Member

**Labels:** Security\_Impact-Extended

[Comment 7](#) by [sheriffbot](#) on Fri, Nov 5, 2021, 12:52 PM EDT Project Member

**Labels:** Target-96 M-96

Setting milestone and target because of medium severity.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 8](#) by [sheriffbot](#) on Wed, Nov 17, 2021, 12:21 PM EST Project Member

mustaq: Uh oh! This issue still open and hasn't been updated in the last 14 days. This is a serious vulnerability, and we want to ensure that there's progress. Could you please leave an update with the current status and any potential blockers?

If you're not the right owner for this issue, could you please remove yourself as soon as possible or help us find the right one?

If the issue is fixed or you can't reproduce it, please close the bug. If you've started working on a fix, please set the status to Started.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 9](#) by [sheriffbot](#) on Mon, Nov 29, 2021, 11:10 AM EST Project Member

This issue hasn't been updated in the last 30 days - please update it or consider lowering its priority.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 10](#) by [mustaq@chromium.org](#) on Mon, Nov 29, 2021, 11:17 AM EST Project Member

Leaving the priority as P1, we agreed about it in [#c5](#).

I will try to find out the root cause this week.

[Comment 11](#) by [sheriffbot](#) on Thu, Dec 30, 2021, 11:11 AM EST Project Member

This issue hasn't been updated in the last 30 days - please update it or consider lowering its priority.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 12](#) by [sheriffbot](#) on Mon, Jan 10, 2022, 11:11 AM EST Project Member

This issue hasn't been updated in the last 30 days - please update it or consider lowering its priority.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 13](#) by [sheriffbot](#) on Thu, Jan 20, 2022, 11:11 AM EST Project Member

This issue hasn't been updated in the last 30 days - please update it or consider lowering its priority.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

**Comment 14** by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Thu, Jan 27, 2022, 11:29 AM EST Project Member

**Cc:** shivanisha@chromium.org gtanzer@chromium.org

**Comment 15** by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Thu, Jan 27, 2022, 11:39 AM EST Project Member

This turns out to be the root cause of 1291210, because we recently made fenced frames use noopener.

For what it's worth, if you try to open multiple popups in quick succession, it seems to get caught by the popup blocker anyway. (That's not to say there aren't other ways it could be exploited.)

```
button = document.createElement('button');
button.innerHTML="Click me";
document.body.appendChild(button);
button.addEventListener('click', () => { for (let i = 0; i < 10; i++)
{ window.open('about:blank', '_blank', 'noopener'); } console.log("navigator.userActivation.isActive: " +
navigator.userActivation.isActive)});
```

**Comment 16** by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Thu, Jan 27, 2022, 11:42 AM EST Project Member

**Blocking:** 1291210

**Comment 17** by [sheriffbot](#) on Wed, Feb 2, 2022, 12:22 PM EST Project Member

**Labels:** -M-96 M-98 Target-98

**Comment 18** by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Mon, Feb 14, 2022, 1:08 PM EST Project Member

**Blocking:** 1123606

**Comment 19** by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Tue, Feb 15, 2022, 11:43 AM EST Project Member

Thanks gtanzer@ for your offer to look into this!

I would have been unavailable for this for a few more weeks!

**Comment 20** by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Tue, Feb 15, 2022, 11:43 AM EST Project Member

**Owner:** gtanzer@chromium.org

**Cc:** -gtanzer@chromium.org mustaq@chromium.org

**Comment 21** by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Thu, Feb 17, 2022, 11:25 AM EST Project Member

**Status:** Started (was: Assigned)

**Comment 22** by [Git Watcher](#) on Tue, Feb 22, 2022, 3:12 PM EST Project Member

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d>

commit [e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d](#)

Author: Garrett Tanzer <[gtanzer@chromium.org](mailto:gtanzer@chromium.org)>

Date: Tue Feb 22 20:11:51 2022

Fix noopener case for user activation consumption

The flow for user activation consumption in window.open was as follows:

Renderer: ask the browser to create a new window

Browser: consume transient user activation (in the browser, and via RPC to remote frames only)

Browser: return success for opener, return ignore for noopener

Renderer: consume transient user activation upon success

So in the noopener case, the renderer with the local frame where the window.open originated didn't have its transient user activation consumed.

The new behavior is to consume user activation in the calling renderer whenever it is consumed in the browser. We accomplish this by returning a distinct value kBlocked to represent failure before the browser consumes user activation.

~~Bug-1264543~~, ~~1291210~~

Change-Id: Iffb6e3fd772bef625d3d28e600e6fb73d70ab29f

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3468171>

Reviewed-by: Dominic Farolino <[dom@chromium.org](mailto:dom@chromium.org)>

Reviewed-by: Ken Buchanan <[kenrb@chromium.org](mailto:kenrb@chromium.org)>

Reviewed-by: Mustaq Ahmed <[mustaq@chromium.org](mailto:mustaq@chromium.org)>

Reviewed-by: Charles Reis <[creis@chromium.org](mailto:creis@chromium.org)>

Reviewed-by: Jonathan Ross <[jonross@chromium.org](mailto:jonross@chromium.org)>

Reviewed-by: Daniel Cheng <[dcheng@chromium.org](mailto:dcheng@chromium.org)>

Commit-Queue: Garrett Tanzer <[gtanzer@chromium.org](mailto:gtanzer@chromium.org)>

Cr-Commit-Position: refs/heads/main@{#973876}

[add]

[https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/strict-size.https.html](https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/third_party/blink/web_tests/wpt_internal/fenced_frame/strict-size.https.html)

[modify] [https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/content/renderer/render\\_view\\_impl.cc](https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/content/renderer/render_view_impl.cc)

[modify] <https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/content/common/frame.mojom>

[modify]

[https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/content/browser/renderer\\_host/render\\_frame\\_host\\_impl.cc](https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/content/browser/renderer_host/render_frame_host_impl.cc)

[modify]

[https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/consume-user-activation.https.html](https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/third_party/blink/web_tests/wpt_internal/fenced_frame/consume-user-activation.https.html)

[modify]

[https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/chrome/browser/site\\_isolation/chrome\\_site\\_per\\_process\\_browser\\_test.cc](https://crrev.com/e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d/chrome/browser/site_isolation/chrome_site_per_process_browser_test.cc)

Comment 23 by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Tue, Feb 22, 2022, 3:14 PM EST Project Member

**Status:** Fixed (was: Started)

Comment 24 by [Git Watcher](#) on Tue, Feb 22, 2022, 7:18 PM EST Project Member

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+361ec38044f34036d920350a72557a51de0ed157>

commit [361ec38044f34036d920350a72557a51de0ed157](#)

Author: Dana Fried <[dfried@google.com](mailto:dfried@google.com)>

Date: Wed Feb 23 00:17:36 2022

Revert "Fix noopener case for user activation consumption"

This reverts commit [e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d](#).

~~Bug: 1300002~~

Reason for revert: Likely cause for UAF in MSAN test

Original change's description:

- > Fix noopener case for user activation consumption
- >
- >
- > The flow for user activation consumption in window.open was as follows:
- >
- > Renderer: ask the browser to create a new window
- > Browser: consume transient user activation (in the browser, and via RPC
- > to remote frames only)
- > Browser: return success for opener, return ignore for noopener
- > Renderer: consume transient user activation upon success
- >
- > So in the noopener case, the renderer with the local frame where the
- > window.open originated didn't have its transient user activation
- > consumed.
- >
- >
- > The new behavior is to consume user activation in the calling renderer
- > whenever it is consumed in the browser. We accomplish this by returning
- > a distinct value kBlocked to represent failure before the browser
- > consumes user activation.
- >
- > ~~Bug: 1264543, 1291210~~
- > Change-Id: Iffb6e3fd772bef625d3d28e600e6fb73d70ab29f
- > Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3468171>
- > Reviewed-by: Dominic Farolino <[dom@chromium.org](mailto:dom@chromium.org)>
- > Reviewed-by: Ken Buchanan <[kenrb@chromium.org](mailto:kenrb@chromium.org)>
- > Reviewed-by: Mustaq Ahmed <[mustaq@chromium.org](mailto:mustaq@chromium.org)>
- > Reviewed-by: Charles Reis <[creis@chromium.org](mailto:creis@chromium.org)>
- > Reviewed-by: Jonathan Ross <[jonross@chromium.org](mailto:jonross@chromium.org)>
- > Reviewed-by: Daniel Cheng <[dcheng@chromium.org](mailto:dcheng@chromium.org)>
- > Commit-Queue: Garrett Tanzer <[gtanzer@chromium.org](mailto:gtanzer@chromium.org)>
- > Cr-Commit-Position: refs/heads/main@{#973876}

[Bug-1264543, 1291210](#)

Change-Id: Ieee4eae4b57b618cf7773a60c73e1dafa82aba7

No-Presubmit: true

No-Tree-Checks: true

No-Try: true

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3482601>

Owners-Override: Dana Fried <[dfried@google.com](mailto:dfried@google.com)>

Auto-Submit: Dana Fried <[dfried@google.com](mailto:dfried@google.com)>

Commit-Queue: Rubber Stamper <[rubber-stamper@appspot.gserviceaccount.com](mailto:rubber-stamper@appspot.gserviceaccount.com)>

Bot-Commit: Rubber Stamper <[rubber-stamper@appspot.gserviceaccount.com](mailto:rubber-stamper@appspot.gserviceaccount.com)>

Cr-Commit-Position: refs/heads/main@{#973980}

[delete]

[https://crrev.com/be69096ac259b71011e29b6bf95c9eb1f7d7a897/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/restrict-size.https.html](https://crrev.com/be69096ac259b71011e29b6bf95c9eb1f7d7a897/third_party/blink/web_tests/wpt_internal/fenced_frame/restrict-size.https.html)

[modify] [https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/content/renderer/render\\_view\\_impl.cc](https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/content/renderer/render_view_impl.cc)

[modify] <https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/content/common/frame.mojom>

[modify]

[https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/content/browser/renderer\\_host/render\\_frame\\_host\\_impl.cc](https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/content/browser/renderer_host/render_frame_host_impl.cc)

[modify]

[https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/chrome/browser/site\\_isolation/chrome\\_site\\_per\\_process\\_browsertest.cc](https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/chrome/browser/site_isolation/chrome_site_per_process_browsertest.cc)

[modify]

[https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/consume-user-activation.https.html](https://crrev.com/361ec38044f34036d920350a72557a51de0ed157/third_party/blink/web_tests/wpt_internal/fenced_frame/consume-user-activation.https.html)

**Comment 25** by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Wed, Feb 23, 2022, 1:39 PM EST Project Member

**Status:** Assigned (was: Fixed)

Reopening until the reland happens.

**Comment 26** by [Git Watcher](#) on Wed, Mar 2, 2022, 1:34 PM EST Project Member

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+6b66a45021a0eef9795568b1f5797968723f381b>

commit [6b66a45021a0eef9795568b1f5797968723f381b](#)

Author: Garrett Tanzer <[gtanzer@chromium.org](mailto:gtanzer@chromium.org)>

Date: Wed Mar 02 18:33:42 2022

Reland "Fix noopener case for user activation consumption"

This is a reland of [e9828a82b5c182dc9a7fb0ae7226c35ba1726e7d](#)

The MSAN error is from checking status before err in  
content/renderer/render\_view\_impl.cc .

<https://ci.chromium.org/ui/p/chromium/builders/ci/Linux%20ChromiumOS%20MSan%20Tests/b8821495655905086193/overview>

The fix is to split the check for err and kIgnore into two checks,  
and put the err check before kBlocked.

It is probably possible for the browser to consume user activation



it is probably possible for the browser to consume user activation but then eventually mojo returns an error and the renderer doesn't consume activation, but that seems pretty marginal.

Original change's description:

- > Fix noopener case for user activation consumption
- >
- >
- > The flow for user activation consumption in window.open was as follows:
- >
- > Renderer: ask the browser to create a new window
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- > to remote frames only)
- > Browser: return success for opener, return ignore for noopener
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- > window.open originated didn't have its transient user activation
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- > a distinct value kBlocked to represent failure before the browser
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- >
- > ~~Bug: 1264543, 1291210~~
- > Change-Id: Iffb6e3fd772bef625d3d28e600e6fb73d70ab29f
- > Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+/3468171>
- > Reviewed-by: Dominic Farolino <dom@chromium.org>
- > Reviewed-by: Ken Buchanan <kenrb@chromium.org>
- > Reviewed-by: Mustaq Ahmed <mustaq@chromium.org>
- > Reviewed-by: Charles Reis <creis@chromium.org>
- > Reviewed-by: Jonathan Ross <jonross@chromium.org>
- > Reviewed-by: Daniel Cheng <dcheng@chromium.org>
- > Commit-Queue: Garrett Tanzer <gtanzer@chromium.org>
- > Cr-Commit-Position: refs/heads/main@{#973876}

~~Bug: 1264543, 1291210~~

Change-Id: Ie27c4d68db34dfd98adee7cc5c743953dad59834  
Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+/3481666>  
Reviewed-by: Jonathan Ross <jonross@chromium.org>  
Reviewed-by: Daniel Cheng <dcheng@chromium.org>  
Reviewed-by: Mustaq Ahmed <mustaq@chromium.org>  
Reviewed-by: Ken Buchanan <kenrb@chromium.org>  
Reviewed-by: Charles Reis <creis@chromium.org>  
Commit-Queue: Garrett Tanzer <gtanzer@chromium.org>  
Cr-Commit-Position: refs/heads/main@{#976745}

[add]

[https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/r](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/third_party/blink/web_tests/wpt_internal/fenced_frame/r)

[estric-size.https.html](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/renderer/render_view_impl.cc)

[modify] [https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/renderer/render\\_view\\_impl.cc](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/renderer/render_view_impl.cc)

[modify] [https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/renderer/frame\\_view.cc](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/renderer/frame_view.cc)

[modify] <https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/common/frame.mojom>

[modify]

[https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/browser/renderer\\_host/render\\_frame\\_host\\_impl.cc](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/content/browser/renderer_host/render_frame_host_impl.cc)

[modify]

[https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/third\\_party/blink/web\\_tests/wpt\\_internal/fenced\\_frame/consume-user-activation.html](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/third_party/blink/web_tests/wpt_internal/fenced_frame/consume-user-activation.html)

[modify]

[https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/chrome/browser/site\\_isolation/chrome\\_site\\_per\\_process\\_browser\\_test.cc](https://crrev.com/6b66a45021a0eef9795568b1f5797968723f381b/chrome/browser/site_isolation/chrome_site_per_process_browser_test.cc)

Comment 27 by [gtanzer@chromium.org](mailto:gtanzer@chromium.org) on Wed, Mar 2, 2022, 1:51 PM EST Project Member

**Status:** Fixed (was: Assigned)

Hopefully the reland will stick.

Comment 28 by [sheriffbot](#) on Thu, Mar 3, 2022, 1:40 PM EST Project Member

**Labels:** -Restrict-View-SecurityTeam Restrict-View-SecurityNotify

Comment 29 by [mustaq@chromium.org](mailto:mustaq@chromium.org) on Mon, Apr 11, 2022, 10:20 AM EDT Project Member

**Blocking:** 1314768

Comment 30 by [mustaq@google.com](mailto:mustaq@google.com) on Tue, Apr 12, 2022, 2:22 PM EDT Project Member

**Cc:** [suzhang@google.com](mailto:suzhang@google.com)

Comment 31 by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Mon, Apr 25, 2022, 8:57 PM EDT Project Member

**Labels:** Release-0-M101

Comment 32 by [amyressler@google.com](mailto:amyressler@google.com) on Tue, Apr 26, 2022, 4:32 PM EDT Project Member

**Labels:** CVE-2022-1497 CVE\_description-missing

Comment 33 by [sheriffbot](#) on Thu, Jun 9, 2022, 1:31 PM EDT Project Member

**Labels:** -Restrict-View-SecurityNotify allpublic

This bug has been closed for more than 14 weeks. Removing security view restrictions.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

Comment 34 by [alesa...@alesandroortiz.com](mailto:alesa...@alesandroortiz.com) on Thu, Jun 9, 2022, 2:01 PM EDT

As an informative note, while this issue probably had other impacts (such as opening multiple popups?), the PoC (autofill over different-origin popup) seems similar to [issue-1239760](#), which only seemed to reproduce on Windows and had more limited impacts. That issue had a separate fix: <https://bugs.chromium.org/p/chromium/issues/detail?id=1239760#c27>

I think that [issue-1239760](#)'s fix also fixed this issue's specific PoC, since the fix was for all platforms. Worth noting that [issue-1239760](#) did not depend on noopener, so this issue's fix probably would have not fixed the other issue.

Comment 35 by [amyressler@google.com](mailto:amyressler@google.com) on Tue, Jul 26, 2022, 5:37 PM EDT Project Member

**Labels:** CVE\_description-submitted -CVE\_description-missing

[Comment 36](#) by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Fri, Jul 29, 2022, 5:26 PM EDT Project Member

**Labels:** -CVE\_description-missing --CVE\_description-missing

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