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Potential Command Execution vulnerabilities introduced by preload.js #13

🔒 Closed xiaofen9 opened this issue on Mar 8, 2021 · 1 comment · Fixed by #14

xiaofen9 commented on Mar 8, 2021

Hi,

We found that `preload.js` introduces dangerous API `openShellExternal` for arbitrary access on unsafe renderer process. This may lead to remote command execution.

We suggest that a URL check should be enforced at L15, which enforces an allowlist on trusted urls.

`clipper/preload.js`

Lines 14 to 16 in d133fde

```
14   window.openExternalUrl = (url) => {  
15     remote.shell.openExternal(url);  
16   };
```

AkashRajpurohit commented on Mar 9, 2021

Owner

Makes sense. A validUrl function which check against a list of urls can be a solution. If you are interested to add this, PRs are welcomed for it. I'll look into it. Thank you 🙏

🗨️ AkashRajpurohit mentioned this issue on Mar 10, 2021**fix: check for allowed urls to be opened using shell.openExternal** 🔵 #14🔗 Merged🔒 AkashRajpurohit closed this as completed in #14 on Mar 10, 2021

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging a pull request may close this issue.

🔗 **fix: check for allowed urls to be opened using shell.openExternal** 🔵

AkashRajpurohit/clipper

2 participants

