

python / cpython Public

<> Code Issues 5k+ Pull requests 2.2k Actions Projects Security and q

gh-146211: Reject CR/LF in HTTP tunnel request headers #146212

Merged

sethmlarson merged 6 commits into python:main from sethmlarson:http-client-proxy-tun... 3 days ago

Conversation 16

Commits 6

Checks 72

Files changed 3



sethmlarson commented 3 weeks ago • edited by bedevere-app bot

Contributor

- Issue: [HTTP proxy via "CONNECT" tunneling doesn't sanitize CR/LF #146211](#)



pythongh-146211: Reject CR/LF in HTTP tunnel request headers

✗ 1703bdd



sethmlarson requested a review from serhiy-storchaka 3 weeks ago



sethmlarson added the type-security label 3 weeks ago



bedevere-app bot added the awaiting review label 3 weeks ago



bedevere-app bot mentioned this pull request 3 weeks ago

HTTP proxy via "CONNECT" tunneling doesn't sanitize CR/LF #146211

Open

sethmlarson commented 3 weeks ago

Contributor

Author

(Android failure looks unrelated?)

<https://github.com/python/cpython/actions/runs/23347514549/job/67916875598?pr=146212>

Merge branch 'main' into http-client-proxy-tunnel ✓ [fc69621](#)

sethmlarson requested a review from **ambv** [3 weeks ago](#)

illia-v reviewed [last week](#)

[View reviewed changes](#)



illia-v left a comment

Contributor

LGTM 👍

I left one minor suggestion about the `_tunnel_host` error message

Lib/http/client.py Outdated

Show resolved

sethmlarson and others added 4 commits [3 days ago](#)

Update Lib/http/client.py ✗ [277163d](#)

Merge branch 'main' into http-client-proxy-tunnel ✓ [0d50065](#)

Escape single quote ✗ [b7ea6ae](#)

Update test_httplib.py ✓ [0176ee7](#)

sethmlarson commented [3 days ago](#)

Contributor

Author



I'm going to move forward with a merge, as I'm not sure there are folks who have looked at `http.client` more recently than [@illia-v](#) and I.



sethmlarson merged commit `05ed7ce` into `python:main` [3 days ago](#)

54 checks passed

[View details](#)

  **sethmlarson** deleted the `http-client-proxy-tunnel` branch 3 days ago

  **bedevere-app** (bot) removed the `awaiting review` label 3 days ago

  **sethmlarson** added `needs backport to 3.10` `needs backport to 3.11` `needs backport to 3.12` `needs backport to 3.13` `needs backport to 3.14` labels 3 days ago

miss-islington-app (bot) commented 3 days ago

Thanks [@sethmlarson](#) for the PR 🍷🎉... I'm working now to backport this PR to: 3.14.
🍷🍒🔪🤖 I'm not a witch! I'm not a witch!

miss-islington-app (bot) commented 3 days ago

Thanks [@sethmlarson](#) for the PR 🍷🎉... I'm working now to backport this PR to: 3.11.
🍷🍒🔪🤖

miss-islington-app (bot) commented 3 days ago

Thanks [@sethmlarson](#) for the PR 🍷🎉... I'm working now to backport this PR to: 3.12.
🍷🍒🔪🤖

miss-islington-app (bot) commented 3 days ago

Thanks [@sethmlarson](#) for the PR 🍷🎉... I'm working now to backport this PR to: 3.10.
🍷🍒🔪🤖

miss-islington-app (bot) commented 3 days ago

Thanks [@sethmlarson](#) for the PR 🍷🎉... I'm working now to backport this PR to: 3.13.
🍷🍒🔪🤖

miss-islington-app bot commented [3 days ago](#)

Sorry, [@sethmlarson](#), I could not cleanly backport this to `3.10` due to a conflict.
Please backport using [cherry_picker](#) on command line.

```
cherry_picker 05ed7ce7ae9e17c23a04085b2539fe6d6d3cef69 3.10
```



 **miss-islington-app** bot assigned [sethmlarson](#) [3 days ago](#)

 **miss-islington** pushed a commit to `miss-islington/cpython` that referenced this pull request [3 days ago](#)

 [pythongh-146211](#): [Reject CR/LF in HTTP tunnel request headers \(pythonG...](#) ✓ [9e0d321](#)

...

bedevere-app bot commented [3 days ago](#)

[GH-148341](#) is a backport of this pull request to the [3.12 branch](#).

 **bedevere-app** bot removed the `needs backport to 3.12` label [3 days ago](#)

 **miss-islington** pushed a commit to `miss-islington/cpython` that referenced this pull request [3 days ago](#)

 [pythongh-146211](#): [Reject CR/LF in HTTP tunnel request headers \(pythonG...](#) ✓ [afdd351](#)

...

bedevere-app bot commented [3 days ago](#)

[GH-148342](#) is a backport of this pull request to the [3.14 branch](#).

miss-islington-app bot commented [3 days ago](#)

Sorry, [@sethmlarson](#), I could not cleanly backport this to `3.11` due to a conflict.
Please backport using [cherry_picker](#) on command line.

cherry_picker 05ed7ce7ae9e17c23a04085b2539fe6d6d3cef69 3.11



bedevere-app (bot) removed the **needs backport to 3.14** label 3 days ago

bedevere-app (bot) commented 3 days ago

[GH-148343](#) is a backport of this pull request to the [3.13 branch](#).

bedevere-app (bot) removed the **needs backport to 3.13** label 3 days ago

miss-islington pushed a commit to miss-islington/cpython that referenced this pull request 3 days ago

pythongh-146211: [Reject CR/LF in HTTP tunnel request headers \(pythonG...](#) [c3f2505](#)
...

sethmlarson added a commit to sethmlarson/cpython that referenced this pull request 3 days ago

[3.10] [pythongh-146211](#): [Reject CR/LF in HTTP tunnel request headers \(p...](#) [fb7005a](#)
...

bedevere-app (bot) commented 3 days ago

[GH-148350](#) is a backport of this pull request to the [3.10 branch](#).

bedevere-app (bot) removed the **needs backport to 3.10** label 3 days ago

sethmlarson added a commit to sethmlarson/cpython that referenced this pull request 3 days ago

[3.11] [pythongh-146211](#): [Reject CR/LF in HTTP tunnel request headers \(p...](#) [0431983](#)
...

bedevere-app (bot) commented 3 days ago

[GH-148351](#) is a backport of this pull request to the [3.11 branch](#).

 **bedevere-app** (bot) removed the **needs backport to 3.11** label 3 days ago

 **mandree** added a commit to mandree/freebsd-ports that referenced this pull request 2 days ago

 lang/python314: security update to 3.14.4 ... [b526f87](#)

 **mandree** added a commit to mandree/freebsd-ports that referenced this pull request 2 days ago

 lang/python314: security update to 3.14.4 ... [62a66cb](#)

 **freebsd-git** pushed a commit to freebsd/freebsd-ports that referenced this pull request yesterday

 lang/python314: Security update to 3.14.4 ... [955268b](#)

 **freebsd-git** pushed a commit to freebsd/freebsd-ports that referenced this pull request yesterday

 lang/python314: Security update to 3.14.4 ... [cb35b3d](#)


 **UTsweetyfish** mentioned this pull request 14 hours ago

python3.12: CVE-2026-1502 [deepin-community/sig-deepin-security#321](#)

 Closed


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Reviewers

 **serhiy-storchaka** ●

 **ambv** ●

1 more reviewer

 **illia-v** ^

Assignees

 **sethmlarson**

Labels

type-security

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

2 participants

