

python / cpython Public

<> Code Issues 5k+ Pull requests 2.1k 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... last month

Conversation 17 Commits 6 Checks 72 Files changed 3

sethmlarson commented on Mar 20 • 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 2 months ago

sethmlarson added the type-security label on Mar 20

bedevere-app Bot added the awaiting review label on Mar 20

bedevere-app Bot mentioned this pull request on Mar 20

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

sethmlarson commented on Mar 20 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** [2 months ago](#)

illia-v reviewed [on Apr 3](#)

[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 Lib/http/client.py Outdated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 [last month](#)

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 [last month](#)

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` [last month](#)

54 checks passed

[View details](#)

  **sethmlarson** deleted the `http-client-proxy-tunnel` branch last month

  **bedevere-app** (Bot) removed the `awaiting review` label last month

  **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 last month

miss-islington-app (Bot) commented last month

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 last month

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

miss-islington-app (Bot) commented last month

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

miss-islington-app (Bot) commented last month

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

miss-islington-app (Bot) commented last month

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

miss-islington-app Bot commented [last month](#)

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** [last month](#)

miss-islington pushed a commit to miss-islington/cpython that referenced this pull request [last month](#)

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

15 hidden items

[Load more...](#)

bedevere-app Bot commented [last month](#)

[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 [last month](#)

miss-islington pushed a commit to miss-islington/cpython that referenced this pull request [last month](#)

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

bedevere-app Bot commented [last month](#)

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

miss-islington-app Bot commented [last month](#)

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 [last month](#)

bedevere-app (Bot) commented [last month](#)

[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 [last month](#)

miss-islington pushed a commit to `miss-islington/cpython` that referenced this pull request [last month](#)

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

sethmlarson added a commit to `sethmlarson/cpython` that referenced this pull request [last month](#)

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

bedevere-app (Bot) commented [last month](#)

[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 [last month](#)

sethmlarson added a commit to `sethmlarson/cpython` that referenced this pull request [last month](#)

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

bedevere-app (Bot) commented [last month](#)

[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 [last month](#)



mandree added a commit to mandree/freebsd-ports that referenced this pull request [last month](#)



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



mandree added a commit to mandree/freebsd-ports that referenced this pull request [last month](#)



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



freebsd-git pushed a commit to freebsd/freebsd-ports that referenced this pull request [3 weeks ago](#)



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



freebsd-git pushed a commit to freebsd/freebsd-ports that referenced this pull request [3 weeks ago](#)



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



UTsweetyfish mentioned this pull request [3 weeks ago](#)

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

🔒 Closed



This comment was marked as spam.

[Sign in to view](#)



hugovk pushed a commit that referenced this pull request [2 weeks ago](#)



[3.14] [gh-146211: Reject CR/LF in HTTP tunnel request headers \(GH-146212\)](#) ✖ [b1cf901](#)

...



ljfp pushed a commit to ljfp/cpython that referenced this pull request [2 weeks ago](#)



pythongh-146211: [Reject CR/LF in HTTP tunnel request headers \(python#...](#) ... [2e5fe78](#)

[Sign up for free](#) to join this conversation on **GitHub**. Already have an account? [Sign in to comment](#)

Reviewers

 **serhiy-storchaka**




 **ambv**



2 more reviewers



 **illia-v**



 **Dustin4444**



Assignees

 **sethmlarson**

Labels



Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

3 participants