

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... last week

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 last month

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** [last month](#)

**illia-v** reviewed [2 weeks ago](#)

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 Lib/http/client.py Outdated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

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 week](#)

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 week](#)

54 checks passed

[View details](#)

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

  **bedevere-app** (bot) removed the `awaiting review` label last week

  **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 week

**miss-islington-app** (bot) commented last week

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 week

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

**miss-islington-app** (bot) commented last week

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

**miss-islington-app** (bot) commented last week

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

**miss-islington-app** (bot) commented last week

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

**miss-islington-app** (bot) commented [last week](#)

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 week](#)

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

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

12 hidden items  
[Load more...](#)

**bedevere-app** (bot) commented [last week](#)

[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 week](#)

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

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

**bedevere-app** (bot) commented [last week](#)

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

**miss-islington-app** (bot) commented [last week](#)

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 week

**bedevere-app** (bot) commented last week

[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 week

**miss-islington** pushed a commit to `miss-islington/cpython` that referenced this pull request last week

[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 week

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

**bedevere-app** (bot) commented last week

[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 week

**sethmlarson** added a commit to `sethmlarson/cpython` that referenced this pull request last week

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

**bedevere-app** (bot) commented last week

[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 week](#)

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

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

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

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

 **frebsd-git** pushed a commit to frebsd/freebsd-ports that referenced this pull request [last week](#)

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


 **frebsd-git** pushed a commit to frebsd/freebsd-ports that referenced this pull request [last week](#)

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

 **UTsweetyfish** mentioned this pull request [last week](#)

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

 Closed

 **Dustin4444** reviewed [5 days ago](#)

[View reviewed changes](#)

 **Dustin4444** left a comment


[#147955](#)

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Reviewers

 **serhiy-storchaka**



 **ambv**



2 more reviewers



 **illia-v**



 **Dustin4444**



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### Assignees

 **sethmlarson**

---

### Labels

**type-security**

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### Projects

None yet

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### Milestone

No milestone

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### Development

Successfully merging this pull request may close these issues.

None yet

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### 3 participants