

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... 14 hours 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** [2 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Lib/http/client.py Outdated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 [16 hours 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 [14 hours 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` [14 hours ago](#)

54 checks passed

[View details](#)

  **sethmlarson** deleted the `http-client-proxy-tunnel` branch 14 hours ago

  **bedevere-app** (bot) removed the `awaiting review` label 14 hours 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 14 hours ago

**miss-islington-app** (bot) commented 14 hours 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 14 hours ago

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

**miss-islington-app** (bot) commented 14 hours ago

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

**miss-islington-app** (bot) commented 14 hours ago

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

**miss-islington-app** (bot) commented 14 hours ago

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

**miss-islington-app** bot commented [14 hours 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](#) [14 hours ago](#)



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



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

...

**bedevere-app** bot commented [14 hours 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 [14 hours ago](#)



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



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

...

**bedevere-app** bot commented [14 hours ago](#)

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

**miss-islington-app** bot commented [14 hours 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 14 hours ago

**bedevere-app** (bot) commented 14 hours 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 14 hours ago

**miss-islington** pushed a commit to `miss-islington/cpython` that referenced this pull request 14 hours 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 13 hours ago

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

**bedevere-app** (bot) commented 13 hours 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 13 hours ago

**sethmlarson** added a commit to `sethmlarson/cpython` that referenced this pull request 13 hours ago

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

**bedevere-app** bot commented [13 hours 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 [13 hours ago](#)

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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

4/11/26, 5:55 AM

gh-146211: Reject CR/LF in HTTP tunnel request headers by sethmlarson · Pull Request #146212 · python/cpytho...

