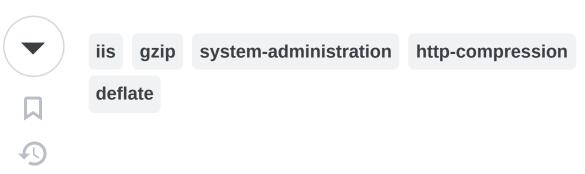
Is there any performance hit involved in choosing gzip over deflate for http compression?

Asked 16 years, 2 months ago Modified 6 years ago Viewed 5k times



18

We recently switched some of our sites from deflate to gzip and noticed a significant increase in cpu load on our servers.



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asked Oct 17, 2008 at 7:13

kitsune

11.6k • 15 • 59 • 78

- Well, gzip uses deflate, so I'm not sure you should see any noticeable difference. – Lasse V. Karlsen Oct 17, 2008 at 7:19
- that's what I thought, that's why I'm surprised kitsune Oct 17, 2008 at 7:24

2 Answers

Sorted by:

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15



Is it possible that you are experiencing cache miss? That is, compressed content is sometimes cached compressed but switching compression schemes would (or at least should) invalidate that cache causing dramatically increased cpu utilization. Did you try switching it back?





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Hafthor 16.9k • 9 • 58 • 66





gzip is, basically, deflate with some additional headers. So there should not be a significant performance hit. Now, maybe your deflate tool is just more efficient than your gzip tool. Are you using the same tool for both compressions or two different ones?



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edited Nov 27, 2018 at 9:25



Luke Girvin **13.4k** • 10 • 67 • 85

answered Oct 17, 2008 at 7:18

